

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK



DEPARTMENT OF ECONOMICS

Master of Arts Resume Book

COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK

ECONOMICS

February 2024

Dear Employers,

I take great pride in presenting to you our 2024 cohort. I am sure that you will find many top-quality candidates among them.

Columbia University established the Economics master's program in 2015. For this program, we receive hundreds of applications from highly qualified candidates, and are only able to admit a small fraction of the applicants. As a result, we have the privilege to work with outstanding students who excel in several different dimensions.

We provide state-of-the-art education for our students, which makes a meaningful and sustainable difference in both their academic or professional lives.

We would appreciate hearing from you about your personnel requirements. Please feel free to contact me if you need detailed or specific information about our program or any of our students.

Sincerely,

Bernard Salanié

Columbia University

Director of the Master's Program in Economics

Email: bsalanie@columbia.edu

Phone: 212 854 8059

Ningjie Bao

New York, NY 10027 | Email: nb3194@columbia.edu

EDUCATION

Columbia University in the City of New York | New York, US

Master of Arts in Economics

Sept. 2023-Dec. 2024 (Expected)

- Relevant cores: Econometrics, Math Methods for Economics, Macroeconomics, Microeconomics

The University of Sydney | Sydney, Australia

Aug. 2018-Jan. 2022

Bachelor of Commerce in Finance and Economics

- GPA: 3.74/4.0; Enrolled as Dalyell Scholar; Recipient of Academic Merit Prize in 2021
- Relevant cores: International Trade, Derivatives Securities, International Financial Management, Corporate Finance
- Relevant electives: Linear Algebra, Quantitative Business Analysis, Multivariable Calculus and Modeling

RESEARCH PROJECTS

Inequality in Australia | Sydney, Australia

Mar. 2021-May. 2021

Supervisor: Prof. Chandana Maitra

- Identified and compared the trend of economic inequality in Australia and other countries.
- Performed multi-dimensional analysis of inequalities in Australia, including income, consumption, and wealth, and researched health-related income inequality.
- Provided policy recommendations to help address inequality, specifically education spending increase to address intergenerational mobility and tax deduction to increase redistribution effects.
- Project used by professor as teaching sample in future classes.

Hedging Strategy Design for ADM, Group Project | Sydney, Australia

Nov. 2020

- Designed an option strategy to hedge the commodity price risk: Long Call on CBOT Corn Futures (ZC), against the backdrop of ADM selling 22 million metric tons of corn in 2019.
- Applied a short futures strategy to hedge the currency risk: Short CME Euro FX Futures (6E), after analyzing ADM's revenue share, which largely came from European subsidiaries.

PROFESSIONAL EXPERIENCE

Huaxin International Trust

Aug. 2022-Dec. 2022

Trust Intern

Hangzhou, China

- Supported due diligence process of business loan and trust application for Zhejiang-region construction companies, including industry analysis, report writing, project planning and management, and client communication.
- Performed creditworthiness analysis, including audited financial reports, analysis of business income and profitability, government subsidy, debt repayment capacity, and valuation of building-in-progress.
- Completed over twenty due diligence reports and created presentations for the risk control committee, and submitted to project initiation and risk control committees for approval.
- Raised funds for financing clients and issued 10+ trust loans through third-party sales or direct investment.

Ernst & Young (China) Advisory Limited

Dec. 2021-Jan. 2022

Tax PAS Intern

Shanghai, China

- Supported stock options registration for Nike (China); assignments included ongoing filings of application forms, employee stock option plan, and other supportive materials with the Chinese tax authority.
- Assisted in monthly income tax preparation for expatriates and Chinese nationals working overseas for Lululemon.

CITIC Securities

Jul. 2020-Aug. 2020

Intern, Credit Department

Shaoxing, China

- Consulted clients on securities market and assisted in securities account opening process and evaluation of client risk profile.
- Performed fundamental analysis and technical analysis for publicly listed companies.
- Shadowed supervisor in wealth management business and client relationship management.

Industrial and Commerce Bank of China

May. 2020-Jun. 2020

Intern, Market Development Department

Shaoxing, China

- Assisted in business loan process for a dozen companies in Zhejiang; participated in due diligence and communications with management before loan approval, and ongoing credit monitoring after loan initiation.

COMMUNITY & ORGANIZATION

Marketing, Jacaranda Stock Market Society | The University of Sydney

Jun. 2020-Dec. 2021

- Won 4th place (out of 80 participants) in club's stock trading simulation competition in 2020 and 2021 with an accumulated return of 24.95% in three months.
- Organized weekly interviews with the top ten winners of the weekly stock simulation competition; managed weekly WeChat content and other online and offline marketing communications.

SKILLS

Technical: Python, SQL, Tableau, Data Science Training Certificate (Introduction to Data Science)

Languages: Chinese (native), English (fluent)

Pengbiao Chen

Tel: +1 (917) 370-7787

Email: cpbjayou0126@outlook.com

Address: 649 East 14th Street, Apt 1F, New York, NY 10009 U.S.A

EDUCATION BACKGROUND

Columbia University

09/2023-12/2024

Graduate School of Arts and Sciences
Master of Arts in Economics (Expected)

New York University

09/2019-05/2023

College of Arts and Sciences
Bachelor of Arts in Economics and Mathematics
GPA: 3.68/4.0

INTERSHIPS

Boston Consulting Group | PTA (Remote), Consulting Department

11/2022-12/2022

- Analyzed the retail market and the trend of digital transformation for the retail industry, took Walmart as an example; conducted competitor analysis, proposed digitalization strategies for Walmart
- Performed customer analysis, identified problems and generated solutions accordingly
- Collaborated with team members on designing innovative solutions to meet customers' needs for speed and efficiency
- Developed digital solutions, such as smart promotion scheme, reinvigorating fresh food, social retailing, etc.
- Made project timeline, allocated resources, implemented risk management

Bank of China, Xuzhou Branch | Business Assistant, Department of Trade & Finance

07/2022-08/2022

- Gained a preliminary understanding of international settlements, learned bank lending practices, ranging from consumer loans, mortgage, credit card installment to corporate loans
- Attended a series of training sessions and learned about import & export businesses
- Practiced examination and audit of letters of credit, understood UPC 600
- Handled inward/outward clearing cheques, including the validation of the cheques and relevant transactions
- Acquired knowledge of investment banking, corporate finance, M&A, fund management, risk management, etc.
- Dealt with inquiries from customers and other branches, assisted in ad hoc tasks as instructed
- Provided clerical support in team administrative work

Bank of Jiangsu | Business Assistant, Department of Credit & Loans

07/2021-08/2021

- Received clients and processed their requests, introduced lending services and loan application
- Assisted in developing and implementing credit strategies in support of corporate businesses
- Performed due diligence, prepared analysis reports, and managed credit ratings of the borrowers based on their financial status and capital structure, etc.
- Conducted credit risk analysis for clients and allocated an appropriate credit limit in compliance with the Bank's credit policies and guidelines
- Liaised and communicated with internal departments for loan pre-qualification check
- Provided consultancy support to clients when dealing with their loan approvals
- Assisted in responding to day-to-day queries from internal staff

SKILLS & INTERESTS

IT Skills

- R Studio (Advanced), Python (Beginner), MATLAB (Beginner)
- Microsoft Office Suite (Word, Excel, PowerPoint)

Languages

- Mandarin (Native)
- English (Proficient)

Interests

- Basketball, Skiing, Playing Drums

Shinan Chen

Tel: (646) 689-0699 / E-mail: sc5412@columbia.edu / NY, NY

Education

Columbia University 09/2023-12/2024

- Master of Arts in Economics
- Selected courses: International Economics, Financial Economics, Macroeconomics, Microeconomics, Econometrics

The University of Nottingham Ningbo China 09/2019-06/2023

- BSc Hons Economics | GPA: 3.8 | Awarded First Class classification
- Selected courses: Advanced Public Economics, Advanced Health Economics, Development Economics

Internship Experience

Financial Assistant, Lanxin Technology, Hangzhou, China 08/2021-09/2021

- Communicated with sales department for reimbursement of business trips and commercial activities;
- Sorted out weekly reports, contracts and ledgers; Investigated and evaluated supplier information;
- Reviewed and summarized marketing work.

Financing Business Assistant, Haitong Securities, Hangzhou, China 08/2020-09/2020

- Integrated and translated overseas project information of the Multinational Rigid Plastic Packaging Manufacturer Logoplaste and the Dutra Highway;
- Joined project research, conducted industry analysis via WIND, and learned institutional business.

Financial Auditor, Pan-China Certified Public Accountants, Hangzhou, China 07/2020-08/2020

- Prepared annual reports, confirmed requests and daily audit work;
- Checked the inputs, flows, sales via Excel; Collected contract, inspected fixed assets and vouchers.

Research Assistant (RA) Experience

Forecasting Tourism Demand for the Greater Bay Area, Ningbo, China 06/2022-09/2022

- Drafted a chapter of forecasting tourism demand for the GBA over the next five years for the *Report on Tourist Industry of Guangdong-Hong Kong-Macao Greater Bay Area in China*;
- Conducted a series of background investigations and analyses of the collected data.

Influencing Factors of Nutrition Information Searching Behavior, Ningbo, China 01/2019-12/2022

- Wrote literature review, background data and discussion papers;
- Assisted with project design and implementation;
- Conducted pre-survey to complete the preliminary data sorting and analysis;
- Facilitated internal & external communication and coordination of scientific research activities.

Extracurricular Experience

Minister, Administrative & Mgt. Dept. of Campus Ambassadors, Ningbo, China 06/2020-05/2021

- Arranged campus tours for prospective students, professors, and companies;
- Designed activities such as Color Run, Souvenir Design Competition and Raw Musical Festival;
- Led a team to organize performance appraisal and autumn recruitment project;
- Managed school official email account and cooperated with other school department;
- Awarded Top Ten Campus Ambassadors.

Member, SPDPO Student Event Office, Ningbo, China 09/2019-06/2020

Contacted sponsors to obtain financial support.

Selected Volunteer Activities: As the I-Week leader in University of Nottingham Ningbo China to guide freshmen to visit the campus and help them adapt to new life (09/2021) & Volunteer of Hangzhou 2020 Enrollment (07/2020-08/2020) & Volunteer of Wuhan Medical Training Team (05/2020)

Skills

- Language: English (fluent), Chinese (native).
- Proficient in Microsoft Office software, Google suite, Zoom and Stata.
- Certificate of Securities Professional, Chinese Lute (7th Grade-National Level).

Xinyang Chen

New York, NY

Phone: (+01)6468663130 Email: xc2704@columbia.edu

LinkedIn: <https://www.linkedin.com/in/xinyang-chen-bb3aa4288/>

EDUCATION

Columbia University New York, USA *Master of Arts in Economics*

September — Present

University of Western Australia Perth, Australia *Bachelor of Commerce*

July—June 2023

Majors in Economics and in Mathematics and Statistics.

Relevant Courses: Nonlinear Dynamics and Chaos, Differential Equations, Network Science, Introduction in Pure Mathematics, Game Theory, Applied Macroeconomics, International Trade

Westa College, Southwest University Chongqing, China *Bachelor of Economics*

September—June 2021

Relevant Courses: Econometrics, Linear Algebra, Advanced Mathematics, Probability Theory, Mathematical Economics, Game Theory, Management, Marketing, Finance, Finance, Statistics, Microeconomics, Macroeconomics, Accounting

INTERNSHIPS

ZTF Securities Shenzhen, China, *Intern of Fixed Income Department*

November —December 2021

- Sorted out the prospectus of Shenzhen Xinhao Optoelectronic Technology Co., LTD., including the overall situation of the company and the industry

- Investigated and compare major enterprises in the cross-border e-commerce industry chain from sales, marketing, third party sector, logistics operation management

- Examined the strengths and weaknesses of chip industries among different companies, and form industry analysis reports

Shenzhen National High-tech Industry Innovation Center Shenzhen, China, *Macroeconomic Sector* July—August 2022

- Participated in the elderly care project, collected information and wrote part of the elderly industry planning content

- Studied the current industrial layout of elderly care in Shenzhen

- Provided recommendations in a report for improving Shenzhen's senior care industry by using Excel to handle foreign data in senior care facilities

RESEARCH PROJECTS

The Game of Three Oligopolies in China's Power Market in the Context of the Opening of the National Carbon Emission Trading Market April —September 2022

Published in CGEE, 2022

- Modified the cost function from an old model according to the national carbon emissions trading market opened in China

- Examined the complex dynamic characteristics of the three oligopoly power firms in the process of making decisions for profit maximization through model derivation and two-parameter numerical simulation

- Used the time-lag feedback method to control the market chaos

The Analysis of the China's Crude Oil Futures Market: The Impact of WTI and Exchange Rate on China's Crude Oil Futures Market February — May 2022

Published in ICIBE, 2022

- Utilized descriptive statistics and regression analysis to investigate the extent to which exchange rates and WTI New York prices affect Chinese crude oil futures prices

- Drew the conclusion according to regression results which are inconsistent with the expected results

EXTRA-CURRICULAR ACTIVITIES

Instrumental Music Team of Westa College, Southwest University *Team Leader*

2020—2021

- Organized team participation in the university level art competition-freshman talent competition, and various social events

- Won the honorary title of Excellent Team of Art Troupe

Student Union of Westa College, Southwest University *Member*

2019—2020

- Managed Student Union outreach affairs; contacted business sponsors

- Responsible for the publicity affairs of the Student Union and the operation of the official Wechat account of university

- Participated in the planning and holding of several university leadership summits and large-scale activities

HONORS & AWARDS

- President's Incentive Scholarship of Westa College, Southwest University, 2021

- The First Prize International Student Scholarship, University of Western Australia, 2021

- Southwest University Struggle Award, 2021

- The Second-class Scholarship of Southwest University, 2020

- Provincial Third Prize of National Mathematics Competition for College Students, 2020

- Merit Student of Southwest University, 2020

- Southwest University Struggle Award, 2020

SKILLS

- Languages: English, Chinese

- Software: Proficient in Microsoft Office; Basic in SPSS, MATLAB, R, MS Office applications (Excel, PowerPoint, Word, etc)

EDUCATION

Columbia University in the City of New York, Graduate School of Arts and Sciences
Master of Arts in Economics

New York, USA
Sept. 2023 – Dec. 2024

The Chinese University of Hong Kong, Shenzhen, School of Management and Economics
Bachelor in Business Administration - Economics

Shenzhen, China
Sept. 2019 – Jun. 2023

- **GPA:** 3.72/4.00 (Cumulative); 3.75/4.00 (Major)
- **Honors:** Academic Performance Scholarship (Top 7%), Dean's List Award (Top 20%), Bowen Scholarship, Undergraduate Research Award
- **Relevant Coursework:** Calculus, Linear Algebra (A), Mathematical Analysis, Probability, and Statistics (A), Stochastic Process, Optimization, Intermediate Econometrics, Quantitative Methods of Policy Evaluation (A), Advanced Microeconomics, Intermediate Macroeconomics, Game Theory, Labor Economics, Environmental Economics Policy (A)

INTERNSHIP

Global Business Support, Walmart (China)
Internship of Global E-commerce Support

Shenzhen, China
Jul. 2021 – Aug. 2021

- Collected and sorted out the data on transactions between Walmart and suppliers/retailers
- Communicated regularly with colleagues via email
- Listed over 220 transaction records and made over 70 financial statements

PROJECTS & RESEARCH EXPERIENCE

Project of Analysis of Factors Affecting Bilateral Trade Flow

Mar. 2022 – Apr. 2022

- Explored several factors affecting bilateral trade volume and their corresponding magnitude of effects based on potential socioeconomic elements proposed by mainstream trade models
- Analyzed more than 700 international trade observations in 2019 with Stata, evaluating the impact on the trade volume of GDP per capita and income per capita in contemporary economies
- Utilized the Ricardian Model and Specific Factor Model to control the characteristics of these economies and established a regression model of the annual export of each country on the income levels in both importing and exporting countries
- Independently finished a 3,000-word academic report, indicating that economic indices, geographical locations, and political agreements can significantly affect the export volume. The report scored 25.2/30 (Top 20%) as a midterm project

Project of Differences between Conduction Mechanism of Monetary Policies in China and the U.S.

Research Assistant, School of Management and Economics

Dec. 2021 – Jan. 2022

- Assisted Prof. Wang Cong to compare the conduction mechanisms of monetary policies between two countries, learning from the more direct and mature mechanism in the U.S.
- Carefully examined 12 papers on macroeconomics, econometrics and monetary policies, focusing on six aspects of differences: intermediate target, ultimate target, conduction mechanism, short-term policy efficiency, conduction efficiency, and money issuance mechanism.
- Independently completed a 3,000-word research report, which promptly facilitated Prof. Wang's research in his field of corporate finance from a perspective of economics and was incorporated in Prof. Wang's research

Project of Effects of Gaokao Reform of Sichuan Province in 2009 on Student Admission Results

Nov. 2021 – Dec. 2021

- Led a team of seven members to demonstrate the rationality and significance of the reform of the college entrance examination
- Utilized the regression discontinuity design (RDD) on Stata, from the perspectives of gender and academic classification, respectively, to study high school students of Class 2009 in Sichuan whose scores were around the first batch score line
- Proved the positive effects on students' admission which scored A as a team final project

Project of Relationship between Population Growth Rate and Frequency and Intensity of Drought and Flood Disasters in China from 1840 to 1949

Nov. 2021 – Dec. 2021

- Studied the magnitude and frequency of droughts and floods on China's population growth in the feudal age
- Built indices of intensity and frequency of city-level drought and flood disasters in China on Stata and detected time breakpoints of regression on EViews
- Regressed the population growth rate on disaster indices from 110 observations and built three autoregressive integrated moving average (ARIMA) models on Stata; picked the most fitted model according to Akaike Information Criterion (AIC)
- Independently completed an academic essay of 1,000 words, which scored 87/100 (Top 20%) as a class assignment

SKILLS & INTERESTS

Languages: English (Fluent; TOEFL: 100+, GRE: 325+, CET-6: 570+), Chinese Mandarin (Native), Cantonese (Basic)

Technical Skills: R, Python, MATLAB, EViews, Stata, SQL, Excel, LaTeX

Interests: Swimming (Breaststroke, freestyle & backstroke), singing, movies, calligraphy (Level 10)

Xuanlin (Sherry) Chen

e: xc2691@columbia.edu | c: +1 (646)416-2541

EDUCATION

Columbia University - New York, NY

- Master of Arts in Economics

09/2023–12/2024

China Agricultural University (CAU) - Beijing, China

- Bachelor of Economics in Finance Minor: English
- Awards and Honors: **Outstanding Student Scholarship, 2020** (top 5% by academic and social practice performance), **Second Prize Scholarship, 2020** (top 5%), **CAU Excellent Student, 2020** (top 5%)

09/2019–06/2023

GPA: 3.73/4.00

INTERSHIPS

Essence Securities - Beijing, China

Strategy Analyst Intern, Fixed Income Department, 40 hrs/wk

- Provided desk research and data analytics support for the Fixed Income Department to aid their 2023 corporate strategy planning and execution, with a focus on the economic recovery after the zero-COVID pandemic controls.
- Analyzed impact of the pandemic on over 13 industries using public and private data from between 2020 and 2022, including metrics such as labor supply and demand and social financial index changes (CPI, PPI, and PMI).
- Employed Python and pymcdm library and to implement the Multi-Criteria Decision Making technique to assess the inter-linked factors that affect investment decisions and outcomes, and generate strategic recommendations.
- Curated 3,000 sets of bond data to track key metrics of issued bonds to refine investment selection processes.

08/2022–10/2022

Wealth Management Business, Agricultural Bank of China (ABC) - Beijing, China

Assistant Manager Trainee, Risk Management Department, 40 hrs/wk

- Used analytical software, risk assessment frameworks, and empirical data to assist in leadership decision making.
- Conducted five projects each week, including the analysis of Asset-Backed Security projects from three dimensions: the underlying assets, the qualification of relevant entities, and the transaction structure setting.
- Leveraged Jensen and RAROC methods to evaluate the performance of the studied holding funds, and Z scoring model to analyze the quantitative risk of equity assets to optimize current investment strategies and operations.
- Developed a risk assessment guideline that is expected to reduce market and credit risk by 2% in simulations.

02/2022–06/2022

04/2022–06/2022

Research Assistant, Investment Research Department, 40 hrs/wk

- Performed industry and market research using the PESTLE framework and data visualization tools (Power BI).
- Drafted and revised three industry research reports in the real estate and public policy sectors, detailing the current development status, regulatory shortcomings, financial incentive structures, and challenges.
- Introduced a SQL database to manage the macroscopic data entries and provided APIs for internal data pulling.

02/2022–04/2022

Agricultural Bank of China (ABC) - Beijing, China

Trust Services Specialist, Trust Funds Department, 40 hrs/wk

- Assisted in the development and promotion of two experiential trust products for ABC, including financial return on investment analysis, market planning, and go-to-market strategy, from conception to product launch.
- Observed investment decisions of fund managers, and alerted the department of potential legal non-compliance.

11/2021–01/2022

China Galaxy Securities - Beijing, China

Public Funding Advisor Intern, Alternative Investment Department, 40 hrs/wk

- Worked on the due diligence for an investment project for Guiyang Public Transportation, a \$200M company.
- Identified the feasibility of a pledge for the Beijing-Shanghai High-Speed Rail project using BI databases such as Wind and Choice, providing qualification review rubrics and a workflow for financing public-private partnerships.

08/2021–09/2021

RESEARCH

Team Leader, College Students Innovation and Entrepreneurship Competition

Research on Mortgage Dilemma and Innovative Mode of Family Farm and Professional Cooperative Financing

- Studied the benefits and limitations of four mortgage products in agricultural modernization and transformation.
- Contacted family farm owners and professional cooperatives and conducted over 20 interviews and field studies.
- Collected interview data and formulated models to simulate outcomes of policy changes to mortgage products.

11/2020–03/2022

OTHERS

Programming: Python, Stata, SPSS, MATLAB (Simulink, Finite Element Analysis)

Techniques: Principal component analysis, linear and nonlinear programming, diff. equation, graph-theoretic model

Interests: Mezzo-soprano (an official member of the University Choir), Guzheng (Chinese zither), percussion

Zhuoyuan (William) Chen

(+1)(347)963-6626 | zc2731@columbia.edu | New York, NY

EDUCATION

Columbia University in the City of New York, Graduate School of Arts and Sciences

New York, USA

Master of Arts in Economics

Sept. 2023 – Dec. 2024

- **Relevant Coursework:** Microeconomics Analysis I, Macroeconomics Analysis II, Math Methods For Economists, Econometrics I

The Chinese University of Hong Kong, Shenzhen, School of Management and Economics

Shenzhen, China

Bachelor in Business Administration - Economics

Sept. 2019 – Jun. 2023

- **GPA:** 3.72/4.00 (Cumulative); 3.75/4.00 (Major)
- **Honors:** Academic Performance Scholarship (Top 7%), Dean's List Award (Top 20%), Bowen Scholarship, Undergraduate Research Award
- **Relevant Coursework:** Calculus, Linear Algebra (A), Mathematical Analysis, Probability, and Statistics (A), Stochastic Process, Optimization, Intermediate Econometrics, Quantitative Methods of Policy Evaluation (A), Advanced Microeconomics, Intermediate Macroeconomics, Game Theory, Labor Economics, Environmental Economics Policy (A)

INTERNSHIP

Global Business Support, Walmart (China)

Shenzhen, China

Internship of Global E-commerce Support

Jul. 2021 – Aug. 2021

- Collected and sorted out the data on transactions within 80 days between Walmart and over 50 suppliers/retailers in Excel
- Communicated regularly with colleagues among three departments via email
- Listed over 220 transaction records with a total value of over 2,000,000,000 RMB and applied for over 70 retail initiatives

PROJECTS & RESEARCH EXPERIENCE

Project of Analysis of Factors Affecting Bilateral Trade Flow

Mar. 2022 – Apr. 2022

- Explored several factors affecting bilateral trade volume and their corresponding magnitude of effects based on potential socioeconomic elements proposed by mainstream trade models
- Analyzed more than 700 international trade observations in 2019 with Stata, evaluating the impact on the trade volume of GDP per capita and income per capita in contemporary economies
- Utilized the Ricardian Model and Specific Factor Model to control the characteristics of these economies and established a regression model of the annual export of each country on the income levels in both importing and exporting countries
- Independently finished a 3,000-word academic report, indicating that economic indices, geographical locations, and political agreements can significantly affect the export volume

Project of Differences between Conduction Mechanism of Monetary Policies in China and the U.S.

Research Assistant, School of Management and Economics

Dec. 2021 – Jan. 2022

- Assisted Prof. Wang Cong to compare the conduction mechanisms of monetary policies between two countries, learning from the more direct and mature mechanism in the U.S.
- Carefully examined 12 papers on macroeconomics, econometrics and monetary policies, focusing on six aspects of differences: intermediate target, ultimate target, conduction mechanism, short-term policy efficiency, conduction efficiency, and money issuance mechanism.
- Independently completed a 3,000-word research report, which promptly facilitated Prof. Wang's research in his field of corporate finance from a perspective of economics and was incorporated in Prof. Wang's research

Project of Effects of Gaokao Reform of Sichuan Province in 2009 on Student Admission Results

Nov. 2021 – Dec. 2021

- Led a team of seven members to demonstrate the rationality and significance of the reform of the college entrance examination
- Utilized the regression discontinuity design (RDD) on Stata, from the perspectives of gender and academic classification, respectively, to study high school students of Class 2009 in Sichuan whose scores were around the first batch score line
- Proved the positive effects on students' admission which scored A as a team final project

Project of Relationship between Population Growth Rate and Frequency and Intensity of Drought and Flood Disasters in China from 1840 to 1949

Nov. 2021 – Dec. 2021

- Studied the magnitude and frequency of droughts and floods on China's population growth in the feudal age
- Built indices of intensity and frequency of city-level drought and flood disasters in China on Stata and detected time breakpoints of regression on EViews
- Regressed the population growth rate on disaster indices from 110 observations and built three autoregressive integrated moving average (ARIMA) models on Stata; picked the most fitted model according to Akaike Information Criterion (AIC)
- Independently completed an academic essay of 1,000 words, which scored 87/100 (Top 20%) as a class assignment

SKILLS & INTERESTS

Languages: English (Fluent; TOEFL: 100+, GRE: 325+, CET-6: 570+), Chinese Mandarin (Native), Cantonese (Basic)

Technical Skills: R, Python, MATLAB, EViews, Stata, SQL, Excel, LaTeX

Interests: Swimming (Breaststroke, freestyle & backstroke), singing, watching sports competitions, calligraphy (Level 10)

Lina Craighill

Upper West Side, New York, NY | lcc2198@columbia.edu | (650) 501-7093 | <https://www.linkedin.com/in/lina-craighill>

Education

Columbia University in the City of New York

September 2023 — December 2024

Master of Arts in Economics

Notable Coursework: Advanced Microeconomics, Advanced Macroeconomics, Advanced Econometrics.

University of California, Berkeley

January 2017 — June 2019

Bachelor of Arts in Political Science

GPA: 3.455.

Notable Coursework: Economic Development, Empirical Analysis, the Governance of Markets, and Contemporary Theories of Political Economy.

The Hebrew University of Jerusalem

January 2019 — June 2019

Study abroad semester with Hebrew and Arabic language studies.

Notable Coursework: International Law and Foreign Policy, Cybersecurity and the Arab-Israeli Conflict.

Research and Work

Legal Assistant, Hurtubise Weber Law LLP

October 2021 — July 2023

- Prepared and filed H-1B, K-1, Green Card, and Naturalization petitions.
- Processed mail, client documents, payments, and official notices, including green cards and employment authorization cards

Legal Assistant, Fragomen, Del Rey, Bernsen & Loewy LLP

September 2019 — March 2020

- Prepared immigration applications for skilled workers and their dependents. Worked closely with attorneys to finalize petitions and submit them to the U.S. Citizenship and Immigration Services. Billed clients and maintained all communication with foreign nationals throughout the application process.

Research Assistant, Truman Institute at The Hebrew University of Jerusalem

March 2019 — July 2019

- Identified variables that influence business models for establishing off-grid renewable energy systems in developing countries. Focus areas included Energy Economics, Development Economics, and Microeconomics. Reported to Dr. Lior Herman, International Relations Department at The Hebrew University of Jerusalem.

Research Assistant, Strategically Protect Soft Networks

September 2018 — January 2019

- Researched and compiled best practices for cyber security measures in order to secure the identities of foreign national partners in overseas U.S. military campaigns. Reported to Steve Miska, Colonel (Retired) U.S. Army, Private Investigator.

Research Assistant, Human Rights Investigation Lab at the UC Berkeley Law School

June 2018 — December 2018

- Collected open-source data for human rights investigations in Syria and Iraq.
- Primarily focused on social media-based evidence. Learned to geolocate and verify sources. Reported to Human Rights Program Director, Félim McMahon.

Research Assistant, Program on Security Institutions and Violent Instability

January 2018 — August 2018

- Collected and analyzed data on police institutions in order to measure differences in counterterrorism capabilities. Promoted from unpaid to paid position with added responsibilities in Summer 2018, including troubleshooting large spreadsheets. This project was sponsored by the United States Department of Defense. Reported to Professor Leonardo Arriola, UC Berkeley.

Research Assistant, Assistant Data Manager

April 2017 — August 2017

- Organized and solved inconsistencies in large spreadsheets on Indian election cycles. Reported to Professor Jennifer Bussell and Ph.D. Candidate Melanie Thompson, UC Berkeley.

Projects

“Chapter By Chapter” Political Economy YouTube Channel

June 2019 — December 2023

13,990 subscribers

- Channel provides video summaries for individual chapters of influential books. Topics include economic theory, political economy, and political philosophy. Channel can be found [here](#).

“The Feminist Interviews” Podcast

January 2018 — June 2018

- Created, hosted, and produced. Guests included Nobel-prize-winning Economist David Card and Economist Hilary Hoynes.

Skills

- **Coding Languages: Stata, Python (familiar)**

Xingyi Deng

+1 (718) 207-2620 (US) | xd2303@columbia.edu | 400 W 113th St, New York, NY 10025

EDUCATION

Columbia University, MA Economics | *United States of America* Sept. 2023 – Dec. 2024

University of Warwick, BSc (Hons) Economics | *United Kingdom* Sept. 2020 – Jul. 2023

- First Class Honours
- Oliver Hart Prize (Top 15 of Warwick Economics Department)

INTERNSHIP EXPERIENCE

Warwick Internship Scheme for Economists, Course Producer | *United Kingdom* Dec. 2022 - present

- Utilized LaTeX to create comprehensive core texts for the second year Macroeconomics module, incorporating insights from previous students' frequently asked questions; redesigned theoretical graphs to enhance visual clarity and presentation.
- Programmed with Python to conduct web scraping from websites such as FRED, efficiently gathering data on various Macroeconomic indicators, and visualized trends using empirical graphs.
- Designed engaging and interactive economic experiments for live lectures, ensuring the effective delivery of course content to students.

China Construction Bank, Private Banking Summer Analyst | *China* Jun. 2021 - Aug. 2021

- Analysed China's economic environment by tracking the flow of funds from high-net-worth clients with STATA; compiled a list of top 50 Private Equity Fund Products for sale.
- Collaborated with Associates to design a weighted index for screening the qualifications of Private Equity Institutions, improved efficiency by 4x.
- Cooperated to examine the impact of certain policy decisions on general expenditure using structural VAR model; won the best performance award in the final evaluation.
- Identified major needs of customer asset allocation using microeconometrics models; presented to the product development team, resulting in a 20% increase in funds raised.

Longrun Asset Management, Operations Assistant | *China* Mar. 2021 - Apr. 2021

- Formulated and executed an Excel model to record the Private Equity Fund Products on sale with the Asset Management Association of China, improved efficiency by 3x.

EXTRA-CURRICULAR & LEADERSHIP EXPERIENCE

Chatham House, Member of Common Futures Conversations | *United Kingdom* Oct. 2022 - present

- Discussed with young people from the UK and Africa about present global challenges (e.g., climate adaptation); cooperated to design policy solutions and write proposals.

CSSA Warwick, President of Education Department | *United Kingdom* Oct. 2020 - Jun. 2023

- Outlined sponsors' key strategic issue and negotiated with them, resulting in a 3x increase in funding for an Asian-students oriented career fair.
- Implemented a marketing strategy to promote Warwick CSSA annual Innovation and Entrepreneurship Competition (e.g., posted feedback from previous attendants on social media to create social proof); attracted 2x more participants.

Economics Undergraduate Student Mentor Scheme, Student Mentor | *United Kingdom* Oct. 2021 - Jun. 2022

- Guided 15 mentees to adapt to university life, including sharing time management and learning skills.

ADDITIONAL

Software Skills: Stata (Proficient), Python (Intermediate), Excel (Proficient)

Award: National Third in SKT Investment Challenge

Interest: Basketball, Reading

Qinyang Du

Tel: +1(646)288-649 | E-mail: du.qinyang@columbia.edu

EDUCATION

Columbia University, New York, US 09/2023 – 12/2024
Master of Arts in Economics

Johns Hopkins University, Baltimore, US 09/2019 – 05/2023
Bachelor of Arts in International Studies and Economics, Minor in Financial Economics

- Cumulative GPA: 3.85 / 4
- Honor: Honors in Economics, Dean's List

INTERNSHIPS

Guoxin Securities Co., Ltd., Beijing, China 07/2023 – 08/2023

- Participated in fund manager roadshows and fund companies' strategy meetings, drafted research reports on fund managers and fund products.
- Collected and analyzed data for China's listed central enterprises, contributed to the writing of research reports on China's central enterprise ETF indices.
- Engaged in quantitative hedging operations for targeted share issuances and contributed to the development of quantitative programs in the R programming language.

Asia-Pacific Research Center, Harvard Business School, Remote, China 09/2022 – 01/2023

- Assisted researchers at Asia-Pacific Research Center and Harvard Center Shanghai in compiling case studies and developing other research initiatives for professors at the Harvard Business School.
- Conducted research on country studies of Korea and Vietnam on its political economics, political landscape, presidential election, domestic legacy of past presidents, poverty levels, etc.
- Participated in the research on the Chinese food industry and assist in interviews with Chinese food industry leading firm and its senior management.

Ascential PLC, Beijing, China 07/2021 – 08/2021

- Conducted research on the Chinese cross-border e-commerce industry, including social commerce analytics, social commerce ads management, content management, and cross-border ecommerce vendors.
- Analyzed the industrial landscape and market structure of target firms, presented research findings to the Merge and Acquisition Team.
- Assist the Team on their project of the merging and acquisition process of a targeted firm.

China Renaissance Securities Co., Ltd., Beijing, China 06/2021 – 07/2021

- Wrote and updated monthly and weekly reports on FoF (fund of funds) products.
- Took notes during meetings with economists and strategy teams.
- Reported research findings on the application of robo-advisor in the Chinese market to senior management.

Dongxing Securities Co., Ltd., Beijing, China 01/2021 – 02/2021

- Collected data of suppliers and production facilities of Apple Inc. and Tesla Gigafactory Shanghai after examining audited financial statements and database like Wind Financial Terminal.
- Analyzed data in Microsoft Excel to highlight key information and assisted the investment strategy formations by submitting quantitative data analysis through daily written reports and oral presentations.

Guotai Junan Securities Co., Ltd., Beijing, China 07/2020 – 08/2020

- Participated in writing a team research report "World Economic Outlook Report 2022 and Beyond."
- Collected quantitative and qualitative data related to macroeconomic sectors and political events and factors, including country-specific policies of G20 countries to global epidemic, the 2022 U.S. elections, and so on.

RESEARCH

Research Assistant, The Determinant of Foreign Investment in the Chinese Bond Market 01/2022 – 05/2022

- Researched under the guidance of Professor Olivier Jeanne at Johns Hopkins Department of Economics.
- Computed the data on the capital account of the Chinese bond market; Analyzed the correlation between dollar returns on Chinese bonds and the share of foreign investment in Chinese bond market using R, STATA, and Microsoft Excel.

SKILLS

- **Language:** Mandarin (Native), English (Fluent), Japanese (Elementary)
- **Technical skills:** R, STATA, Wind Database, Bloomberg Terminal, Microsoft Office
- **Interests:** Kendo (2 Dan), Photography, Cross Country

HONGYI GU

(+1)510 988 6336 | 550 WEST 54TH STREET, NEW YORK, NY 10019 | hg2670@columbia.edu

EDUCATION

Columbia University, New York

Sept. 2023-Dec. 2024

Master of Arts in Economics

University of California, Berkeley

Bachelor of Arts in Applied Mathematics, Bachelor of Arts in Economics

- GPA:3.7/4.0
- Core Courses: Honors Abstract Algebra, Honors Analysis, Complex Analysis, Numerical Analysis, Concept of Probability, Macroeconomics, Microeconomics, Econometric, Financial & Behavioral Economics, Labor Economics.

EXPERIENCE

Houlihan Lokey

June 2023 - Aug. 2023

Intern of M&A Department

Beijing, China

- Assisted in various stages of the M&A lifecycle, from initial target identification to final deal closing. Supported senior bankers with detailed analysis of potential targets in both the food & beverage and coal industries, evaluating strategic alignment and potential deal synergies.
- Monitored and reported on key M&A trends in CDMO and IVD industries, identifying emerging market opportunities and competitive threats. Maintained an up-to-date database of industry transactions and valuations.
- Engaged in internal training sessions, mastering financial modeling techniques for M&A transactions, including DCF, precedent transaction, and comparable company analyses.

PricewaterhouseCoopers

June 2022 - Aug. 2022

Intern of Data Analysis Department

Online

A market development initiative for an international shopping mall marking its inaugural presence in Shanghai.

- Deployed Python to model location preferences, analyzing Shanghai's top 20 grids (each 3x3 km) based on population density, consumption metrics, resident personas, industrial presence, and leading enterprises to recommend optimal site selections.
- Leveraged Python analytics to identify the top 10 consumption sectors within the grid, aiding clients in strategizing their brand mix.

Bank of China, Los Angeles Branch

June 2022 - Aug. 2022

Intern of Portfolio Management Department

Los Angeles, CA

- Analyzed financial statements of potential credit companies for informed lending decisions.
- Used Excel to track loan enterprises' financial health and commitments, ensuring up-to-date records.
- Translated key financial documents and shared findings with the bank's senior management.

Inspur Group

June 2020 - Jan. 2021

Intern of Industrial Internet Department

Online

- Applied Python and R for big data analysis, assisting government bodies in defining poverty alleviation targets.
- Developed a "poverty index" to accurately identify the most deprived townships, villages, and households.
- Employed distributed systems, NoSQL, and relational databases for data management; streamlined poverty data in Excel to optimize resource allocation.

The Impact of FDI on China's Economic Growth

Aug. 2020 - Dec. 2020

Independent Researcher

- Harnessed Python, Import.io, Excel, and R to analyze TFP among enterprises of varying ownerships and the distribution data of FDI across different sectors in China.
- Exploited Matplotlib for visual representation, highlighting FDI's contribution to China's capital formation, export volume, and technological advancements. Additionally, operated R for hypothesis testing to further validate findings.
- Based on the research, unveiled the underlying dynamics of how FDI influences China's economic growth trajectory.

SKILLS & INTERESTS

- LANGUAGES: Chinese (Native), English (Fluent)
- SKILLS: Python, R, MATLAB, SQL, SPSS, MS Office
- INTERESTS: Dizi (Chinese flute); Conducting; Playing Go; Texas Hold'em; Basketball; Table Tennis; Traveling.

RUIYANG HE (Novak)

+1 6089492188 | rh3185@columbia.edu | 3260 Henry Hudson Parkway, Bronx, NY10463

EDUCATION

- University of Wisconsin-Madison** 09/2019 – 06/2023
Bachelor of Arts
- Triple Major: Economics (Math-emphasis & Honor in major), Sociology, and Data Science
 - GPA: 3.98/4.00
 - Certificate: Political Economy, Politics, and Philosophy (PEPP), and Mathematics
 - Academic Honors: Honors in Liberal Arts, and Honor in Economics Major, College of Letters and Sciences Academic Dean's List 2019, 2020, 2021, 2022
 - Scholarships: Department of Economics Veldor Kopitzke Scholarship 2021, UW-Madison Summer Study Scholarship for Summer 2022
 - Honor Societies: The University of Wisconsin-Madison chapter of Phi Beta Kappa and Phi Kappa Phi

PUBLICATION

Published

He, R (2022) 'Innovation and Economic Inequality—An Observation from the Global Innovation Index' *Proceedings of the 2022 2nd International Conference on Enterprise Management and Economic Development* [Online] 656, 163-168. Available at <<https://www.atlantis-press.com/proceedings/icemed-22/125975469>>[1 July 2022].

INTERNSHIP EXPERIENCES

- Network 1 Financial Securities Inc.** *New York* 06/2022 – 08/2022
Investment Banking Intern 40 hours/week
- Completed an in-depth research report about Airbnb, focusing on market share analysis & industry growth
 - Trained a DCF Model for a pharmaceutical company via Excel
 - Prepared investment teaser for investors
 - Developed a Web Crawler in Python, expediting information gathering of public companies

- American Express, Shanghai Office** *Shanghai* 07/2021 – 08/2021
Intern of Growth and Corporation Development Department 40 hours/week
- Completed a quantitative analysis about the factors that affected the customer's preference in selecting credit cards
 - Provided strategic advice on business development based on research data, including the approaches of finding potential card users and future business partners
 - Forecasted the market trend and potential benefits of credit cards by analyzing previous data
 - Formatted and wrote research PowerPoint slides and provided presentations

- Guotai Assets Management Co., Ltd** *Shanghai* 05/2021 – 07/2021
Intern of Operation Department 40 hours/week
- Collected, reviewed and processed operation data of equity funds and mutual funds using Wind and Excel
 - Created and maintained precise and accurate balance sheets and operation data reports of equity funds
 - Created quarterly operation and earning report and presentations

LEADERSHIP EXPERIENCES

- Equilibrium, The Undergraduate Journal of Economics, UW-Madison** *Madison, WI* 09/2020 – Present
Opinion Writer 5 hours/week
- Pitch and edit fresh opinion pieces and timely personal essays for Equilibrium
 - Format, edit, and proofread fellow writers' articles
 - Published personal research article about Sino-US trade relationship in 2020 on the annual journal edition of 2021
 - Published personal research article about the Chinese housing market on the annual journal edition of 2022. Available at <https://issuu.com/uwequilibrium.com/docs/eq_final_2022/s/15882762>

- Madnews (Chinese Student News Agency)** *Madison, WI* 02/2020 – Present
CFO, Column Writer & Editor 5 hours/week
- Supervise the club's financial & accounting functions, including annual budgeting, and forecasting.
 - Negotiate sponsorships with local firms and Chinese for Affirmative Action (CAA), and raise funds of over \$3500
 - Manage the club's YouTube, Bilibili, and Himalaya FM channels and social media (Facebook and WeChat) accounts
 - Write column articles about economic news (each article gained up to 5k views)
 - Format, edit and proofread fellow writers' articles
 - Design and host webinars and online events

SKILLS

Technical:

- MSOffice (Good), Stata(Good), Python (Good), MS Access(Elementary), R (Elementary), and Java (Elementary)

Language:

- Chinese (Native), English (advanced), German (A2-B1), and French (Elementary)

Jarret Helmer

New York, NY 10025 • [linkedin.com/in/jarret-helmer](https://www.linkedin.com/in/jarret-helmer)
jarrethelmer@gmail.com • (952) 486-0266

EDUCATION:

Columbia University, New York, NY Sept. 2023 – Expected Dec. 2024
Masters of Arts in Economics

- Current GPA: 3.25, Taken relevant coursework in: macroeconomics, microeconomics, econometrics, financial economics

University of St. Thomas, Saint Paul, MN Sept. 2020 – May 2023
Bachelor of Arts in Mathematics, Bachelor of Arts in Economics

- Double major, Minor in Theology, Graduated Magna Cum Laude, GPA: 3.87, Dean's List all semesters
- Campus involvement: Cellist in the University String Orchestra, Badminton Club President, Tabletop Gaming Club Vice President

EXPERIENCE:

Columbia University, New York, NY Jan. 2024 – Present
Teaching Assistant – Intermediate Macroeconomics

- Taught weekly recitations which provided instruction to 25 students
- Held weekly office hours, Graded homework, midterms, and final exams

Olympic Steel (NASDAQ: ZEUS), Plymouth, MN June 2022 – May 2023
Credit, Finance, and Accounting Intern

- Gathered financial references to support customers' lines of credit, Updated 50 customer accounts per month
- Streamlined online processes in Salesforce, Processed 150 steel invoices per week

University of St. Thomas, Saint Paul, MN Sept. 2022 – May 2023
Vice President of Financial Affairs – Undergraduate Student Government

- Created the Undergraduate Student Government (USG) budget, consisting of \$300,000, Reviewed and tracked USG expenditures, Audited 120 student clubs and organizations
- Chaired the Finance Committee, Served on the following committees: Dining Services, Budget Advisory, Student Activity Fee Allocation, Constitutional Review, Student Organizations and Clubs

Volunteerism:

Special Olympics of Minnesota, Minneapolis, MN Mar. 2019 – Present
Basketball Coach and Unified Partner

- Assist in the coaching of the Minneapolis Eagles, focusing on our 15 full court athletes

SKILLS & INTERESTS:

Skills: LaTeX, Microsoft Excel, PowerPoint, Word, Stata, Salesforce, C

Interests: Golf, Auto racing, Birding

Haojun Huang

Email: hh3026@columbia.edu | Mobile: (1) 718.668.4898

EDUCATION

Columbia University <i>Master of Arts in Economics</i>	New York, NY 09/2023 - present
New York University <i>Bachelor of Arts, Major in Economics and Mathematics, Minor in Business Studies</i> GPA 3.8/4.0 GRE 334/340	New York, NY 09/2019 - 05/2023
Honors & Awards University Honor Scholar Dean's List (2019-2023) Inaugural Teaching Excellence Award (2021-2022)	

PROFESSIONAL EXPERIENCE

China Huarong Asset Management Co., Ltd. <i>Department of Equity Investment, General Manager Assistant</i>	Beijing, China 04/2022 - 08/2022
<ul style="list-style-type: none">Conducted financial analysis of the Golden Dragon Precise Copper Tube Group Inc. (GD), including its revenues, expenses, and operations.Researched GD's competitors' activities via the Wind-Financial Terminal.Analyzed data from multiple sources and built business models with detailed valuation analysis to assist manager with GD's growth and value.	
Beijing Xiaomi Mobile Software Co., Ltd. <i>Intern at Department of Administration</i>	Beijing, China 06/2021 - 08/2021
<ul style="list-style-type: none">Oversaw day-to-day office tasks and ensured they were completed accurately and in a timely manner.Planned and coordinated logistics and materials for staff events, created expense reports, ordered and distributed office supplies.	
Bank of China Beijing Wangfujing Sub-Branch <i>Intern at Corporate Banking & Personal Banking Department</i>	Beijing, China 12/2020 - 01/2021
<ul style="list-style-type: none">Assisted the Client Manager with business development, selecting high-credit-rating customers, preparing financial reports, classifying customer files, handling the credit extension process, and maintaining client relationships.	
Panash International Textile Co., Ltd. <i>Business Development Intern</i>	Hangzhou, China Each Summer 2014 - 2018
<ul style="list-style-type: none">Helped the company chairman in meetings with customers, marketing initiatives, and product development; completed research task about textile.	

RESEARCH PROJECTS

Building a More Fair and Inclusive Financial System: Strategies, Public Services, and Financial Infrastructure <i>Research Assistant to Dr. Xueyin Song, Zhejiang University</i>	Hangzhou, China 01/2022 - Present
<ul style="list-style-type: none">Carried out a comparative review on practices of building inclusive financial systems: examples of other countries, including shared principles, strategic approaches, business models, affordable financial products, consumers' financial capability, etc.Arranged and studied preliminary datasets from research reports to develop meaningful indicators.	
An Investigation of the Living Conditions of Empty Nesters in Rural Areas of Jiangxi Province <i>Independent Researcher, Leader of Three-Student Group</i>	Jiangxi, China 08/2018 - 12/2018
<ul style="list-style-type: none">Implemented qualitative research on the wellbeing of the elderly population whose adult children left the region.Found that nearly 70% of the participants were suffering from lack of access to health care needs and economic/social support structures.Wrote <i>Living Conditions of Empty Nesters in Rural Areas of Jiangxi Province</i>, and published on <i>The Fortune Times</i>, Issued 11, December 2018.	

EXTRACURRICULAR ACTIVITIES

New York University CAS International Student Club <i>Director of Service</i>	New York, NY 04/2022 - 05/2023
<ul style="list-style-type: none">Lead a team of six students to draft, plan, and implement enriching activities for international students; oversee logistics and budget.	
New York University Language Peer Mentor Program <i>Peer Mentor</i>	New York, NY 09/2021 - 05/2022
<ul style="list-style-type: none">Taught three international students Chinese and introduced important components of Chinese culture: festivals, meals, literature, etc.	
Volunteer	
<ul style="list-style-type: none">Isaacs Center New York 09/2022-Present Every weekend plate, pack, and distribute hundreds of packages of meals to food-insecure familiesFlood Control, Rescue & Relief Program, Jiujiang City, Jiangxi Province 07/2019 & 07/2020 coordinated companies and business owners to gather food, water, clean up supplies like mops and gloves Distributed foods and non-food items (blankets, mosquito nets)Volunteer, Supporting Low-Income Families in Impoverished Areas Fund, Jiujiang City, Jiangxi Province 01/2017-Present Organized family-sponsored fundraising events for poverty alleviation in Jiujiang of Jiangxi Province	

Personal Skills

Interest | Stock and option markets (earned more than \$200,000 during college), billiards, ski, photography, tennis, badminton, cars
Languages | Chinese/Mandarin, Lin Chuan Dialect of Chinese, Shao Xing Dialect of Chinese, English
Programming | R, Statistical Modeling
Technology | Photoshop, Flash, Corel VideoStudio, Imovie, CAD 3D, Premiere, Unity3D, Final Cut Pro

HUATAO HUANG

50 West 97th Street 4H, 10025, New York, NY | 917-628-6611 | hh3049@columbia.edu

EDUCATION

Master of Arts in Economics Aug. 2023 – Dec. 2024
Columbia University, New York, NY

Bachelor of Arts with High Honors in Economics and Mathematics Jan. 2020 – May. 2023
New York University, New York, NY

- GPA: 3.70/4.00
- GRE: Verbal Reasoning 161 + Quantitative Reasoning 169
- Minor in Business Studies

ACADEMIC EXPERIENCE

Honors Thesis in Economics Aug. 2022 – May. 2023

- Research topic: State income taxes and interstate migration pattern
- Conducted primary research on how income tax differentials influenced the migration pattern between US states
- Developed a theoretical model about how people with different preference over consumption make their migration decisions
- Produced a regression model of US interstate migration and income tax difference.

IXperience Summer Investment Finance Course Jul. 2022 – Aug. 2022

- Took six-weeks courses on investment finance models (investment waterfall models) and real-life investment strategies (venture capital, private equity and hedge funds)
- Produced investment waterfall models on made up and real-life company financials (including qwake technologies, fox& robin and stratify technology) to analyze returns on investment into these companies

PROFESSIONAL EXPERIENCE

Information and Communications Technology Fund Intern, Caleo Capital Jul. 2022 – Aug. 2022

A South Africa based investment management and advisory firm which focuses on providing growth capital to local startups and operating companies.

- Conducted market analysis on South Africa ICT sectors
- Evaluated income equality situations in South Africa and created a relevant analysis on the vision of the fund
- Completed financial analysis on different companies in Caleo Capital's fund portfolio
- Integrated everything into one prospectus for the ICT Fund

Investment and Development Intern, Greentown China, Shanghai China Sept. 2019 – Jan. 2020

One of the top ten real estate companies in China with an annual revenue of 100 billion RMB

- Revised residential property program reports and presented in decision meetings
- Conducted individual research on residential markets in Malaysia
- Assisted in research on residential property markets in Seattle, Hawaii Sydney, and Vancouver
- Completed business proposal for a residential property program in Jiangsu, China
- Evaluated a construction project in Wuxi, China and presented to line manager

ADDITIONAL EXPERIENCE

Junior Class Board, New York University Sept. 2021 – Jun. 2022

- Coordinated with vendors and contacted for purchase orders and donations to events
- Organized year initiatives and semester events with board members including alumni seminars and senior house visiting.

SKILLS AND INTERESTS

- *Computer:* R language, Excel, Microsoft Office, Python
- *Language:* Chinese as first language

Hude Hude

917-902-3139 • hh3024@columbia.edu

EDUCATION

Columbia University

Master of Arts, Economics

New York, NY

In Progress

University of Rochester

Bachelor of Arts, Economics

Bachelor of Science, Applied Mathematics

- GPA 3.95/4.00

- Honors: Dean's List (Fall 2019, Fall 2020 – Fall 2021, Fall 2022)

Rochester, NY

December 2022

December 2022

PROFESSIONAL EXPERIENCE

China Information Development Research Institute

Data Analyst Intern, Supervisor: Dr. Shang Jin

Beijing, China

June – August 2022

- Worked in the “**Smart City and Policy with Economic Indicators**” projects in a group of five under the supervision of Dr. Shang Jin, director of China Information Development Research Group.
- Conducted data cleaning and data analysis based on data from National Bureau of Statistics of China.
- Examined the performance of three policies related to the development of smart city in China (Digital Arts, VR Chat, and Auto Drive) via econometric models (DID and Panel Regression Model with time series adjustments).

RESEARCH EXPERIENCE

Multimodal Code-meshing Project (MMCM)

Independent Study, Supervisor: Professor Stella Wang

Rochester, NY

Fall 2019 - Spring 2020

- Title: “**Disclosure Behavior in The Age of Information, The Herding Effect in Different Contexts.**”
- Investigated the human propensity to disclose sensitive behavior under the contexts of social life and academic performance by using online surveys for data gathering and analysis.
- Modified an existing survey method that focused on the contexts of social life and academic performance rather than sexual contexts. Suggested the social and academic contexts affect people's propensity to admit sensitive behaviors differently compared to sexual contexts.

Marketing Research on Hairzoo

Collaborative Research, Supervisor: Professor Elena Nescio

Rochester, NY

Fall 2019

- Conducted a marketing research on a declining hair salon company, Hairzoo, via field investigation and analytical measures (SWOT, market potential, metrics for success, and cost-benefit analysis).
- Provided recommendations based on consumer segmentation and targeting, value proposition, brand elements, and product performance. Marketing report was appreciated by the manager of the company.

Trading Algorithm (Python)

Independent Study, Instructor: Professor Richard Sarkis

Rochester, NY

Fall 2021

- Implemented “Moving Average” and “Relative Strength Index” trading algorithms to find optimal trading strategy based on the stock data of Apple and Microsoft from the last twenty years.

TEACHING EXPERIENCE

Supervised Teaching: Intermediate Microeconomics at University of Rochester

Teaching Assistant, Supervisor: Professor Steven Landsburg

Rochester, NY

Fall 2020

- Held weekly office hours, helped on average eight students in each session, provided supplementary notes along with relevant textbook pages. 83% of students coming to my office got A.

SKILLS AND INTERESTS

-
- **Programming:** Stata, Python, Java, MATLAB, LaTeX, NovelAI
 - **Language:** Mandarin (native), English (fluent), Japanese (intermediate)

Zihan Jin

New York, NY 10027 | +1 (647) 923-6868 | zj2375@columbia.edu

EDUCATION

Columbia University

Master of Arts in Economics

Sept. 2023 – Dec. 2024

New York, US

University of Toronto

Bachelor of Science in Statistics and Economics, GPA: 3.75/4.0, Dean's List Scholar

Sept. 2019 – Apr. 2023

Toronto, Canada

• Core Courses: Financial Economics, International Monetary Policy, Stat Machine Learning, Time Series Analysis

Bocconi University

Study Abroad

Sept. 2022 – Jan. 2023

Milan, Italy

PROFESSIONAL EXPERIENCE

CITIC Securities

Investment Banking Intern, Energy and New Material Industry Group

May 2023 – Aug. 2023

Beijing, China

- Assisted in financial and legal due diligence for a State-Owned Enterprise IPO Project, including project compliance verification, labor and employment verification, and in-depth investigation of related parties and affiliations.
- Formulated six case study reports that encompassed analyzing the thermal power industry, high-pollution projects verification, bidding procedures for engineering construction projects, and large fundraising debt repayment.
- Gathered data using Wind terminal, updated roadshow materials, and revised filing documents.

China Securities

Investment Banking Intern, Debt Capital Market

Jun. 2022 – Sept. 2022

Beijing, China

- Participated in due diligence and declaration of credit bonds of five enterprises with a cumulated scale of 500+ billion yuan, including corporate bonds, super & short-term commercial paper, and medium-term note, etc.
- Wrote bond prospectus, including compiling business conditions, calculating financial data indicators, analyzing interest-bearing liabilities, and summarizing statistics on direct and indirect financing.
- Prepared pitch books for the bidding work of two credit bonds.

Zhejiang Geely Holding Group (Fortune 500)

Strategy Intern, Digital Technology Sector

Dec. 2021 – May 2022

Remote

- Researched ESG investing and carbon financial derivatives, focusing on green credits, green bonds, disclosure standards, and digital product applications; wrote 20 weekly reports for the team and the vice president.
- Assisted with Metaverse, NFT, and digital collection industry analysis, identified strategic investors using Geely's Geetaverse platform and prepared financing roadshow.

Bank of Montreal

Data Governance Intern

Mar. 2021 – Jun. 2021

Beijing, China

- Drafted China localized Data Management Guidance and established 86 data fields for data asset governance platform by consolidating 100+ requirements from regulators, vendors, and the headquarter.
- Collaborated with stakeholders to conduct an internal audit, uncovering 1,500+ instances of suspicious data within 32 reports containing 10,000+ data points. Summarized 17 root causes and presented findings to department heads.

Triniti Capital (Venture Capital in Semiconductor Industry)

Fundraising and Post-investment Management Intern

Jul. 2020 – Oct. 2020

Beijing, China

- Calculated net profit, Internal Rate of Return, Distribution to Paid in Capital, book-to-market ratio, and Limited Partners (LPs) share proportion and transferred capital for 30+ invested projects in three funds.
- Investigated potential LPs, including 17 Funds of Funds, 10 private enterprises, and 15 government-guided funds.

RESEARCH PROJECTS

Time Series Analysis of Global Ocean Temperature Based on ASTSA

- Detrended data with HP filter method, confirmed stationary, identified ARIMA model based on ACF, PACF, and EACF analysis, and conducted residual error testing with Ljung-Box method to validate the model.
- Forecasted the rate of decline in sea surface temperature from 2010 to 2019 and studied the data spectrum.

The Influence of County Characteristics on Republican Share in US Election

- Web scraped 3000+ US county-level data using BeautifulSoup, cleaned 20,000+ data with NumPy and Pandas.
- Created 13 graphs via Matplotlib, four interactive maps using Bokeh, performed OLS regression with Statsmodels.
- Summarized findings and produced a 35-page report outlining a Republican campaign's fund allocation strategy.

SKILLS AND LANGUAGES

Software: Microsoft Office, Python, R, STATA

Languages: Mandarin Chinese (native), English (advanced), Spanish (basic)

Manak Kataria

601 W, 113 Street, New York, NY 10025 | mk4806@columbia.edu | +1 (917) 728-7652

<https://www.linkedin.com/in/manakkataria>

EDUCATION

Columbia University | *M.A. in Economics*

New York, NY | **Aug. 2023 - Present**

- **Relevant Coursework:** Industrial Organization, Financial Economics, Macroeconomic Analysis I & II, Microeconomic Analysis I & II, Econometrics I & II, Math Methods for Economists
- **STEM OPT Eligible**

University of Delhi | *B.A. (Honors) in Economics*

New Delhi, India | **Nov. 2020 - May 2023**

- **CGPA:** 3.88 / 4, First Division
- **Relevant Coursework:** Money and Financial Markets, International Trade, Real Analysis, Linear Programming
- **Extracurriculars:** Member - College Football (Soccer) Team, College Debating Society

EXPERIENCE

Columbia University | *Teaching Assistant - Game Theory*

New York, NY | **Jan. 2024 - Present**

- Responsible for conducting weekly recitations, holding office hours, and evaluating problem sets and exams

Azoria Partners | *Intern - Global Macro Strategy*

New York, NY | **Nov. 2023 - Dec. 2023**

- Analyzed the NY Federal Reserve's Global Supply Chain Pressure Index's impact on US trade and inflation rates using econometric methods like impulse response functions and variance decomposition on STATA
- Identified factors influencing variation in soft and hard data sources forecasting macroeconomic indicators to examine the post-pandemic effects of changes in the federal funds rate on the US economy

Statistics Without Borders | *Assistant - Econometrics*

New Delhi, India | **Jun. 2022 - Sept. 2022**

- Reviewed the econometrics syllabus in collaboration with the African Institute for Professional Development
- Prepared teaching resources on econometric topics including functional forms, dummy variables, index numbers, measures of fit, and trends and seasonality in time series data

Indian Institute of Management Bangalore | *Research Assistant*

Bengaluru, India | **Jun. 2022 - Sept. 2022**

- Generated a unified shapefile containing geographical coordinates of agricultural markets across India using QGIS, utilized for evaluating the spatial concentration of these markets
- Developed a report addressing the Global Shipping Crisis, examining container traffic, congestion, and shifts in shipping volumes worldwide, as commissioned by the Ministry of Commerce for the G20 Summit 2023

Ashoka University | *Research Assistant*

Sonapat, India | **Jun. 2022 - Sept. 2022**

- Conducted a comprehensive scoping exercise by organizing data from 4,032 individual classes held across 63 colleges at the University of Delhi using MS Excel

RESEARCH PROJECTS

University of Delhi | *Analysis of India's Bilateral Trade Flows*

New Delhi, India | **Jan. 2022 - Mar. 2022**

- Applied an augmented gravity model using RStudio to study India's trade with 45 countries from 1999 to 2018
- Manuscript published in the International Journal of Policy Sciences and Law, Volume 3 ([ISSN: 2582-9203](#))

University of Delhi | *Understanding Consumer Behaviour*

New Delhi, India | **Mar. 2022 - Apr. 2022**

- Collected and analyzed primary data from 233 participants through customized surveys to evaluate assumptions about transitivity and monotonicity in consumer preferences
- Investigated the hypothesis linking consumer experience in financial markets and higher education levels to rational behavior within the framework of the expected utility theory

ADDITIONAL INFORMATION

Programming Languages and Statistical Software: Python, R, STATA, QGIS, Microsoft Excel

Certifications: Financial Markets – Online Non-Credit Course by Yale University

Interests: Football (Soccer), Poker, Basketball, Travel, Snooker

ZHUORAN LYU

New York, N.Y. 10025 | zhuoran.lyu@columbia.edu

EDUCATION

Columbia University	New York, U.S.
Master of Arts in Economics	Aug. 2023 – Present
<ul style="list-style-type: none">Honors: ECON MAO Fellowship, General ScholarshipGPA: 3.83/4.00	
Yuanpei College, Peking University	Beijing, China
Bachelor of Laws in Philosophy, Politics and Economics (PPE)	Sept. 2018 – July 2023
<ul style="list-style-type: none">Honors: Merit Student (2018-2022, top 10%)GPA: 3.75/4.00 (major)	
University of California, Berkeley	Berkeley, U.S.
Exchange Student	Jan. 2022 – July 2022
<ul style="list-style-type: none">GPA: 4.00/4.00	

EXPERIENCE

Teaching Assistant	Jan. 2024 – Present
<ul style="list-style-type: none">Taught weekly recitations for Principles of Economics; held office hours; graded exams.	
Degree Thesis: Integrating Altruism into VCG Mechanism	Oct. 2022 – May 2023
<i>Advisor: Asst. Prof. Fanqi Shi, School of Economics, Peking University</i>	
<ul style="list-style-type: none">Expanded the framework of the classic VCG mechanism by innovatively integrating altruism.	
Agent-based Modeling: Opinion Dynamics and Gender Antagonism	Sept. 2021 – May 2022
<i>Advisor: Prof. Tiejun Li, School of Mathematical Science, Prof. Xin Tong, Dept. of Sociology, PKU</i>	
<ul style="list-style-type: none">Second prize in the 30th “Challenge Cup” Academic Competition, Peking UniversitySimulated group opinion dynamics on gender antagonism in anonymous online forums and social networks, demonstrating that stable, active neutrals reduce extremism.	
Fertility Intentions and Family Values of Students at Peking University	Oct. 2020 – Jan. 2021
<i>Advisor: Assoc. Prof. Jie Yan, School of Government, Peking University</i>	
<ul style="list-style-type: none">Developed a survey with 400 participants that established the causal relationship between family of origin attributes and fertility intentions, revealing a substantial gender discrepancy.	
Enterprise Survey for Innovation and Entrepreneurship in China	Mar. 2020 – Sept. 2020
<i>Advisor: Prof. Xiaobo Zhang, Guanghua School of Management, Peking University</i>	
<ul style="list-style-type: none">Conducted phone interviews and collected data from small and micro companies (sample size 4000, 65% completion rate), showing that 40% had closed or exited the market due to Covid.	

LEADERSHIP & VOLUNTEERING

Vice President of the Student Union of Yuanpei College	May 2020 – Oct. 2021
<ul style="list-style-type: none">Organized and co-chaired the parallel session of the Shaoxing Yuanpei Conference on Liberal Arts Education at the university level as the representative of Peking University.Led more than 20 major college events and volunteer activities, centered on student welfare.	
Admission Volunteer of Peking University	May – Aug. 2019, June – Aug. 2020
<ul style="list-style-type: none">Visited high schools and provided information as the leading admission volunteer.	

SKILLS AND LANGUAGES

Skills: STATA, SPSS, LaTeX

Languages: Mandarin (native), English (fluent, TOEFL 110, GRE 167+170)

William (Zixiang) Ma

30 Morningside Dr, New York NY, 10025

zm2445@columbia.edu | 917-868-6763

EDUCATION

COLUMBIA UNIVERSITY

New York, NY

Master of Arts in **Economics**

December 2024 (Expected)

- **Relevant Coursework:** Macro/Microeconomic Analysis, Econometrics, Financial Economics, Industrial Organization, Math in Economics

JOHNS HOPKINS UNIVERSITY

Baltimore, MD

Bachelor of Arts in **Economics & International Studies**, minor in **Financial Economics**

May 2023

- **Cumulative GPA:** 3.86/4.00
- **Honors:** Dean's List, Sigma Iota Rho (Honor Society for International Studies), Honors in Economics Major
- **Relevant Coursework:** Financial Accounting, Econometrics, Corporate Finance, Macro/Microeconomics, Investment Portfolio Management, Political Economy and Development, Probability, Linear Algebra

PROFESSIONAL EXPERIENCE

CENTER ON GLOBAL ENERGY POLICY AT COLUMBIA UNIVERSITY

New York, NY

Research Assistant

September 2023 – December 2023

- Assisted in creating a 2023 financial vulnerability index for developing countries; Monitored debt sustainability, extent of financial markets' globalization, and capital markets' level of development
- Established a database tracking comprehensive interest rates, foreign investment, stock and bond market fluctuations, and other indicators

DAHUI LAWYERS

Beijing, China

Paralegal

June 2023 – July 2023

- Researched legal issues for pre-market approval and manufacturing process of medical devices across three Chinese provinces
- Drafted key sections of the declaration documents required for Lone Star Capital's prospective acquisition of a Chinese off-highway brake calipers manufacturer; Supported preparation for client's governmental antitrust review

JHU APPLIED ECONOMICS INSTITUTE

Baltimore, MD

Team Chief & Research Assistant – Monetary Analysis Team

January 2022 – December 2022

- Created 2022 Misery Index for 28 countries by tracking vital monetary/financial indicators to gauge wellbeing
- Co-authored a working paper discussing monetarism, Quantity Theory of Money (QTM), using the austerity reform during Charles De Gaulle's administration as a case study
- Wrote research memos on US monetary policy, US macroeconomic policy, inflation, and technological change

CHINA INTERNATIONAL CAPITAL CORPORATION

Beijing, China

Summer Intern – Private Equity/Fund of Funds Division

July 2021 – August 2021

- Completed due diligence for three private equity funds by conducting interviews and running comparable company analysis on key financial multiples for valuation using data sourced from Capital IQ and Wind
- Participated in Xianghe Capital's ¥1.5Billion Second Fund Financing; Assisted in analyses of investment strategy and direction, historical performance of RMB and USD funds, compensation system, investment procedure, and post-investment management

EXTRACURRICULAR EXPERIENCE

GHANA CHANGEMAKER PROGRAM

Accra, Ghana

Social Enterprise Research Group Leader

July 2017 – August 2017, July 2019

- Designed and pitched business plan for green energy start-up in a rural village near Accra
- Researched and interviewed 20+ villagers to set up social enterprises among underprivileged communities

ADDITIONAL

- **Languages:** Mandarin (native), English (proficient), Spanish (beginner)
- **Programs & Technology:** Stata, Python, Excel, Bloomberg, Capital IQ, Wind, PPT, MATLAB

William (Zixiang) Ma

30 Morningside Dr, New York NY, 10025

zm2445@columbia.edu | 917-868-6763

EDUCATION

COLUMBIA UNIVERSITY

New York, NY

Master of Arts in **Economics**

December 2024 (Expected)

JOHNS HOPKINS UNIVERSITY

Baltimore, MD

Bachelor of Arts in **Economics & International Studies**, minor in **Financial Economics**

May 2023

- **Cumulative GPA: 3.86/4.00**
- **Honors:** Dean's List, Sigma Iota Rho (Honor Society for International Studies), Honors in Economics Major

PROFESSIONAL EXPERIENCE

DAHUI LAWYERS

Beijing, China

Paralegal

June 2023 – July 2023

- Researched legal aspects of medical devices' premarket approval and manufacturing across three provinces
- Participated in drafting substantive analysis of Lone Star Capital's prospective acquisition of a China-based off-highway brake calipers manufacturer; Assisted in preparing client for governmental anti-trust review

JHU APPLIED ECONOMICS INSTITUTE

Baltimore, MD

Team Chief & Research Assistant – Monetary Analysis Team

January 2022 – December 2022

- Created 2022 Misery Index for 28 countries by tracking vital monetary/financial indicators to gauge wellbeing
- Co-authored a working paper discussing monetarism, Quantity Theory of Money (QTM), using the austerity reform during Charles De Gaulle's administration as a case study
- Wrote research memos on US monetary policy, US macroeconomic policy, inflation, and technological change

CHINA INTERNATIONAL CAPITAL CORPORATION

Beijing, China

Summer Intern – Private Equity/Fund of Funds Division

July 2021 – August 2021

- Completed due diligence for three private equity funds by conducting interviews and running comparable company analysis on key financial multiples for valuation using data sourced from Capital IQ and Wind
- Participated in Xianghe Capital's ¥1.5Billion Second Fund Financing; Assisted in analyses of investment strategy and direction, historical performance of RMB and USD funds, compensation system, investment procedure, and post-investment management

EXTRACURRICULAR EXPERIENCE

WORLD RELIEF

Baltimore, MD

Youth Tutor

August 2022 – December 2022

- Assisted eight immigrant and refugee youth with homework and other academic challenges
- Helped them adapt to English-speaking schools and new cultures more quickly

GHANA CHANGEMAKER PROGRAM

Accra, Ghana

Social Enterprise Research Group Leader

July 2017 – August 2017, July 2019

- Designed and pitched business plan for green energy start-up in a rural village near Accra
- Researched and interviewed 20+ villagers to set up social enterprises among underprivileged communities

ADDITIONAL

- **Languages:** Mandarin (native), Spanish (beginner)
- **Programs & Technology:** Bloomberg, Capital IQ, Wind, Excel, PPT, Python, MATLAB
- **Interests:** Photography, Badminton, automobiles (F1 Racing)

Zixiang (William) Ma

30 Morningside Dr, New York NY, 10025

zm2445@columbia.edu | 917-868-6763

EDUCATION

COLUMBIA UNIVERSITY

New York, NY

Master of Arts in **Economics**

December 2024 (Expected)

- **Relevant Coursework:** Macro/Microeconomic Analysis, Econometrics, Math in Economics

JOHNS HOPKINS UNIVERSITY

Baltimore, MD

Bachelor of Arts in **Economics & International Studies**, minor in **Financial Economics**

May 2023

- **Cumulative GPA:** 3.86/4.00
- **Honors:** Dean's List, Sigma Iota Rho (Honor Society for International Studies), Honors in Economics Major
- **Relevant Coursework:** Financial Accounting, Econometrics, Corporate Finance, Macro/Microeconomics, Investment Portfolio Management, Political Economy and Development, Probability, Linear Algebra
- Teaching Assistant: Corporate Finance (AS.180.263)

PROFESSIONAL EXPERIENCE

DAHUI LAWYERS

Beijing, China

Paralegal

June 2023 – July 2023

- Researched legal aspects of medical devices' premarket approval and manufacturing across three provinces
- Participated in drafting substantive analysis of Lone Star Capital's prospective acquisition of a China-based off-highway brake calipers manufacturer; Assisted in preparing client for governmental anti-trust review

JHU APPLIED ECONOMICS INSTITUTE

Baltimore, MD

Team Chief & Research Assistant – Monetary Analysis Team

January 2022 – December 2022

- Created 2022 Misery Index for 28 countries by tracking vital monetary/financial indicators to gauge wellbeing
- Co-authored a working paper discussing monetarism, Quantity Theory of Money (QTM), using the austerity reform during Charles De Gaulle's administration as a case study
- Wrote research memos on US monetary policy, US macroeconomic policy, inflation, and technological change

CHINA INTERNATIONAL CAPITAL CORPORATION

Beijing, China

Summer Intern – Private Equity/Fund of Funds Division

July 2021 – August 2021

- Completed due diligence for three private equity funds by conducting interviews and running comparable company analysis on key financial multiples for valuation using data sourced from Capital IQ and Wind
- Participated in Xianghe Capital's ¥1.5Billion Second Fund Financing; Assisted in analyses of investment strategy and direction, historical performance of RMB and USD funds, compensation system, investment procedure, and post-investment management

EXTRACURRICULAR EXPERIENCE

WORLD RELIEF

Baltimore, MD

Youth Tutor

August 2022 – December 2022

- Assisted eight immigrant and refugee youth with homework and other academic challenges
- Helped them adapt to English-speaking schools and new cultures more quickly

GHANA CHANGEMAKER PROGRAM

Accra, Ghana

Social Enterprise Research Group Leader

July 2017 – August 2017, July 2019

- Designed and pitched business plan for green energy start-up in a rural village near Accra
- Researched and interviewed 20+ villagers to set up social enterprises among underprivileged communities

ADDITIONAL

- **Languages:** Mandarin (native), Spanish (beginner)
- **Programs & Technology:** Bloomberg, Capital IQ, Wind, Excel, PPT, Python, MATLAB
- **Interests:** Photography, Badminton, Automobiles

CYRUS MITCHELL

(503) 983-4661 ▪ New York, NY 10031 ▪ ccm2199@columbia.edu ▪ www.linkedin.com/in/cyrusmitchell-123abc

EDUCATION

COLUMBIA UNIVERSITY

New York, NY

Master of Arts, Economics

2023-2024 (*expected*)

- Relevant coursework includes Math Methods for Economists, Econometrics I, Macroeconomics Analysis I, and Microeconomic Analysis I

UNIVERSITY OF OREGON

Eugene, OR

Bachelor of Science, Economics with minors in Math and Business Administration

August 2023

- Graduated summa cum laude with a 4.0 GPA
- Relevant coursework includes the Calculus series, Linear Algebra Series, Proofs and Problem Solving, Intermediate Microeconomics, Intermediate Macroeconomics, Econometrics, and Financial Economics
- Participated in the economics club

ACADEMIC AWARDS

- Alanson H. Kleinsorge Economics Scholarship
- H.T. Koplin Memorial Scholarship in Economics
- General University Scholarship (University of Oregon)
- Ben Masengil Scholarship

Skills

- Experience with R, Python, and Microsoft Suite
-

EXPERIENCE

Although my work experience may not be immediately applicable to the consulting/finance sectors, its broader implications signal important skills and attributes that add value to these industries. Farm work, for example, is more applicable to career success than one may expect. The ideal wheat harvest occurs in a short time frame (around a month or so) to prevent the wheat from spoiling and losing the crop. This important time frame, paired with a constant that becomes apparent quickly - something always breaks - forces the successful farmer (and teaches the farmhand) to accept uncertainty, have confidence in their ability to solve unexpected challenges, have the work ethic to push through based on nature's deadlines, and stop to appreciate the beauty of the scenery once in a while.

SONCARTY FARM

Colfax, WA

Farm work

August 2021; August 2020 – September 2020

- Performed duties such as tilling soil, transporting grain, and maintaining farm equipment
- Independently met daily progress goals
- Received an offer to return for upcoming summers
- Managed the setting up, operation, and repair of farm machinery and equipment

FEDEX

Salem, OR

Delivery Driver

July 2021 – August 2021

- Trusted to operate the largest stepvan available after four days of training
- Operated numerous routes, completing an average of 80 stops per day
- Utilized the navigation app to determine the most efficient routes
- Performed preventative vehicle maintenance checks prior to departure

AMADEUS RESTAURANT

Salem, OR

Server and Host

September 2018 – November 2019

- Successfully maximized the number of customers while ensuring a positive individual experience
- Trusted to give a welcoming first impression of the restaurant
- Worked in collaboration with waitstaff, the kitchen, and ownership to ensure efficient operation
- Acquired more responsibilities as time progressed, eventually managing the floor

RUIZE (KARL) NIU

rn2589@columbia.edu | (404) 317-7144 | Apt 227, 400 West 113th Street, New York, NY, 10025

EDUCATION

Columbia University

Master of Arts in Economics

New York, NY
Expected Dec 2024

- **Cumulative GPA:** 3.92/4.00
- **Related Coursework:** Math Methods for Economists, Financial Economics, Econometrics, Economic Analysis

Emory University

Bachelor of Arts in Economics, Bachelor of Science in Applied Mathematics

Atlanta, GA
Aug 2019 – May 2023

- **Cumulative GPA:** 3.89/4.00 | **Economics Major GPA:** 4.00/4.00 | **Applied Mathematics GPA:** 3.93/4.00
- **Related Coursework:** Econometrics, Mathematical Models, Probability and Statistics, Money and Banking, Optimization
- **Honors:** Member of Omicron Delta Epsilon (International Honor Society for Economics), Zeta Chapter of Georgia, Dean's List

PROFESSIONAL EXPERIENCE

Global Time Investment

Financial Quantitative Analyst

Jersey City, NJ
Jul 2023 – Aug 2023

- Conducted independent research to determine factors that affect the profitability of real estate sector stocks
- Performed multilinear regressions via Excel and Python to evaluate the correlation between the determined independent variables and the earnings yield of a portfolio of 20 real estate-related stocks

Lions Financial

Financial Analyst Intern

New York, NY
Jul 2022 – Sep 2022

- Gathered and analyzed the stock price trends of Cathay Pacific, completed performance analysis and A/B testing in Excel and Python, compared local and global airlines via comparative index analysis and data visualization in Stata
- Conducted industry investment research on Asian airline corporations and comparable analysis of Cathay Pacific to its competitors on correlations, P/E ratio, price momentum and fundamental factors
- Computed the monthly market excess and risk-free returns of 10 selected stocks from Yahoo Finance with Excel, summarized their 120-month period mean, volatility, and variance in returns using Analysis Toolpak
- Calculated the portfolio optimization with the tangency portfolio and the α -values from Solver for abnormal returns and minimum variances within a 6-month period, compared results with or without position constraints

Deloitte

Off-cycle Risk Advisory Intern

Nanjing, China
Jan 2021 – Feb 2021

- Evaluated conditions of 10 clients from different industries, conducted field studies and performed background checks, focusing on present financial status, future earnings prospects, public welfare compliance, and development plans
- Completed a holistic evaluation and risk advisory reports for clients to minimize their risks in financial activities in future developments and to maximize synergies in potential acquisition activities
- Collected and documented relevant data for clients in the due diligence processes

Emory University Department of Economics

Research Assistant

Atlanta, GA
Dec 2020 – May 2023

- Worked with Professor Vivian (Zhanwei) Yue to research the prices of sovereign bonds in local and international currencies since 1995; gathered and summarized data about daily bond prices from Excel data stream using the ISIN code; categorized those bonds with the currency, maturity, and country code
- Worked with Professor Caroline Fohlin to research the German stock market from post-WWI to pre-WWII; reviewed relevant statistics regarding aggregate economic situations; analyzed historical stock exchange prices and summarized relevant IBP data; gathered data about the Berlin Stock Exchange and New York Exchange; conducted research on the German financial markets in the interwar period

Emory Impact Investing Group

Research Team Member

Atlanta, GA
Aug 2020 – May 2021

- Collaborated in a four-member group to research the SBA (Small Business Administration) loan situation and minority-owned businesses in Atlanta, and how their conditions have changed during the pandemic
- Spearheaded gathering of information and statistics summarization; consulted multiple sources like the census bureau, local databases, and local media; created analysis report and presented findings

PROJECT EXPERIENCE

Asset Allocation (MATLAB)

Apr 2023 – May 2023

- Determined factors that determine the fair amount of annuity paid for a certain life insurance plan; conducted study reviews and researched life insurance plan information on providers' websites
- Designed a function using MATLAB to calculate the fair annuity given age, compensation, and interest rates

Unlawful Assembly (Python)

Jan 2023 – Feb 2023

- Identified factors that affect the maximum space capacity in pre- and post-Covid conditions, derived piecewise differential equations and diagrams that model how the maximum space capacity is determined
- Used Python to simulate the emergency exit time and air freshness given certain numbers of people within the space, determined the maximum capacities based on these factors on Emory campus facilities

ADDITIONAL INFORMATION

Computer Skills: C++, Python, Java, R, MATLAB, Stata, LaTeX

Languages: English (Fluent), Mandarin Chinese (Native), German (Intermediate)

Hobbies: Piano (15 years), Singing (Emory Choirs), Writing, Chinese Chess (Master Certificate), Card games

Services: Emory Autism Awareness Organization, SHINE

GUANGXUN(GRACE) OUYANG

400 West 113th Street, NY 10025 | +1 (917) 943-6844 | go2323@columbia.edu

EDUCATION

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK New York, NY
Master of Arts in Economics Aug. 2023 – Expected Dec. 2024

THE CHINESE UNIVERSITY OF HONG KONG, SHENZHEN Shenzhen, China
BBA in Applied Economics, GPA: 3.6/4.0 (First Class with Honours) Sept. 2019 – Jul. 2023
• **Selected Courses:** Calculus, Linear Algebra, ODE, Programming, Stochastic Processes, Advanced Microeconomics

YALE UNIVERSITY New Haven, CT
Visiting International Student Program for Academic Year 2021-2022, GPA: 3.7/4.0 Aug. 2021– Jun. 2022
• **Selected Courses:** Development Economics, Dynamic Game Theory, Mathematical Analysis, Theoretical Statistics

WORKING PAPER

“How do Negative Labor Demand Shocks Affect People’s Marriage Decisions in China?” Jul. 2022 – Present
19th and 20th round of the University Research Award Owner, Guided by Prof. Wei Lin Shenzhen, China
• Designed a Risk-Sharing Model with STATA to explain the decrease (increase) in the likelihood of marriage among the advantaged (disadvantaged) under the negative labor demand shocks brought by import competition
• Demonstrated the buffering effect of marriage and the declining marriage probability as a sign of monetary freedom

RESEARCH EXPERIENCE

CHINA FORTUNE SECURITIES INC. Shanghai, China
Quantitative Researcher for Risk Analysis, Department of Multi-Asset Investment May. 2023 – Aug. 2023
• Built the Multi Assets Risk Monitor Systems with Python by applying six factors to forecast the trend of the CSI 300 Index and the rotation of Large-cap and Small-Cap ETF, and designing the corresponding trading strategies
• Assisted with FOF investment through participation in PE firms’ due diligence and cooperation with the Shenzhen office

THE CHINESE UNIVERSITY OF HONG KONG, SHENZHEN Shenzhen, China
Research Assistant in Platform Economics, Prof. Tat-How Teh Sept. 2022 – Nov. 2022
• Conducted numerical simulation with MATLAB for the theoretical Creator-Viewer Platform business models
• Determined the equilibrium profit shares in three content-hosting models by doing data optimization and visualization
Research Assistant in Development Economics, Prof. Peng Zhang Mar. 2022 – Jun. 2022
• Constructed the regional tariff variables in China from 1994 to 2014 with Urban Household Survey Database
• Generated panel data (socioeconomic indicators) using the China Health and Nutrition Survey Database with STATA

PEKING UNIVERSITY Beijing (Remote), China
Researcher at the National School of Development, Dr. Baoqun Fan Jul. 2022 – Oct. 2022
• Summarized fifteen Clear Coal technologies developed by the National Energy Technology Laboratory and three milestone Clean Energy Policy Acts implemented in the United States between 2000 and 2022

YALE UNIVERSITY New Haven, CT
Research Assistant at the School of Environmental Law & Policy, Dr. Reed Miller Feb. 2022 – Aug. 2022
• Cleaned data for trade in endangered species from 1990 to 2019 with Whole Organism Equivalence Conversion using R

LEADERSHIP EXPERIENCE

THE CHINESE UNIVERSITY OF HONG KONG, SHENZHEN Shenzhen, China
Undergraduate Student Teaching Fellow for Intermediate Microeconomics Jan. 2023 - May. 2023
• Taught weekly 4-hour tutorial sessions to 200 students about textbook exercises and held office hours for Q&A

YALE VISITING INTERNATIONAL STUDENT PROGRAM New Haven, CT
Student Ambassador in the Academic Year 2021-2022 Aug. 2021– Jun. 2022
• Hosted the farewell parties and made documentaries with Pr that were posted to the official website

LOREAL BRANDSTORM CASE COMPETITION Dec. 2020 – Apr. 2021
• Initiated the Makeup Beginner Development Program to help users handle makeup with a gamified experience
• Led the team to Top 12 in campus selection, Top 100 out of 9500 in mainland China, and personally to “Best Presenter”

ACTIVITIES & SKILLS

Activities: Actress and Director at the Phantom Drama Club, Photography, Model United Nations (Outstanding Delegate)

Computer Skills: Python, MATLAB, STATA, LaTeX, Eviews, R, Microsoft Office, Pr, iMovie

Language Skills: Mandarin (Native), English (Proficient)

Interests: Biking, Yoga, Deadlift, Breaststroke, Cooking

Education:

Columbia University, New York, USA

M.A. Economics

09/2023 – 12/2024(expected)

University of Delhi – St. Stephen's College, Delhi, India

B.A. (Hons). Economics; CGPA: 8.95/10

11/2020 – 05/2023

Additional Courses: Applied Econometrics, Money & Financial Markets, Law & Economics, International Trade

London School of Economics and Political Science, London, UK

Summer School; Grade: A-

06/2022 – 07/2022

Course: Financial Markets and The Global Economy

Professional Experience

One District One Product (ODOP) Intern, Invest India, New Delhi

07/2022- 08/2022

- Prepared 10+ action reports about speciality products in various districts under their ODOP. initiative
- Analysed the survey responses of 10+ districts to understand the supply chain bottlenecks of the products and introduce interventions
- Provided analysis of 30+ govt. schemes in agriculture & allied sectors as a means of intervention to overcome the challenges of the products
- Formulated a PoA. for a two-month long awareness & knowledge programme targeted towards the farmers about various sectors of the economy such as government schemes, financing, technology and their challenges

Intern, Induss Strategy, Mumbai

03/2022- 04/2022

- Constructed global & national industrial reports on steel and LED lights, entailing current market value, CAGR., production, & prospects
- Performed peer comparison of seven steel companies in the industry like TATA Steel, JSW, and SAIL based on their product portfolio, gross revenue, stock price, EBITDA. margin, market cap., and manufacturing plants; prepared client's financial snapshot of FY18-21
- Examined 150+ investment firms on their type (Seed/PE/VC), sector, ticket size, and fund size for the investor database of the company

Research Intern, Xcelerator Venture Partners, Mumbai

08/2021- 09/2021

- Researched Alternate Investment Funds (AIFs); comparatively analysed the different categories of AIFs. to formulate an intersecting structure of Category I and II AIFs., presented it to the board of directors
- Investigated the ongoing technicalities and bottlenecks of inward foreign capital investments for a venture capital firm

Research Intern, BMG Techno Consultancy Services, Mumbai

04/2021- 05/2021

- Carried out research on the 100 Smart Cities initiative of the govt.; analysed the performance of various smart city projects in India
- Identified the prospects and execution challenges of the scheme to assess the city's position as a focused business vertical for the company

Research Projects:

Liberalisation, Privatization and Globalization – 1991(India)

08/2021 – 11/2022

- Analysed the impact of the New Economic Policy of 1991, using 8 macroeconomic variables in a twenty-five year period, from 1991 – 2016 using R and Excel.
- Conducted a thorough literature review to understand the variables most impacted by the policy and ran a descriptive-statistical analysis
- Performed regression analysis consisting of three models. The significant explanatory variables were analysed and the data set was tested to check the relevance of the conclusions drawn. Additionally, tested different functional forms best suited for the models.

Public Health Expenditure and Covid-19 Mortality in India

01/2022 – 04/2022

- Executed a literature review analysis to understand whether the states that spent more on public health expenditure fared well in COVID-19
- Interpreted regressions to conclude that health expenditure as a proportion of SGDP. was a significant factor towards the state's mortality.
- The aforementioned hypothesis was graphically examined for the following states – Maharashtra, Uttar Pradesh, Assam, Gujarat, Karnataka and Kerala; their public health expenditure from 2018-2021 and covid mortality rates were taken into consideration.

Poverty in Young Children

05/2021

- Led a case study to understand child poverty, factors contributing to it, indicators to measure it and its consequences. Recommended government funded/provisioned short- and long-term solutions
- Researched on seven different government policies, aimed at combating the factors leading to child poverty.

Leadership Experience and Extra Curriculars:

- President: The Economics Society, St. Stephen's College: the departmental society of Economics (led over 150+ students) 2020 – 2023
- Ideated and organised events like excel simulations, quizzes, lectures, case studies & paper presentations, and the National Economics Festival (flagship event) having a footfall of 5000+; secured sponsorships worth INR 50,000 and 20+ media collaborations
- Assistant Secretary: Campus Placement Cell, St. Stephen's College, Delhi 2020- 2022
- Wrote an article on Green GNP which was published in *The Unorthodox, Vol. 10*, the annual journal of IIM Ranchi 05/2021
- Published [an article](#), highlighting the economics of certain policies, on Medium, which received 600+ views 08/2020

Honors and Awards:

- Winner out of 1000+ teams for the national case study competition, "Vendition Vendetta", organised by IIM Indore 02/2021
- Maharashtra State Topper - for XII CBSE Board exams – Interviewed by 7+ newspapers, including TOI, The Indian Express 07/2020
- Bharatanatyam – Awarded a diploma, Arangetram (professional) and Advance level certificate 2007- 2018

Skills:

- **Softwares:** R, STATA, GRETL, Maxima, MS-Excel, MS-Word, MS-PowerPoint
- **Languages:** English & Hindi (Fluent), French (Beginner)

Elif Sen

NY, New York 10025 | elif.sen@columbia.edu | 401-659-73-29

EDUCATION

Columbia University

MA, Economics

New York, NY

Expected Dec. 2024

- Honors: Fulbright Scholar, Sena Eken Schieber Economics Award, Merit Scholarship

Koc University

BA, Economics & International Relations

Istanbul, Turkey

Jun. 2022

- Cumulative GPA: 4/4
- Honors: Vehbi Koc Honor Award, Merit Scholarship
- Relevant Coursework: Financial Management, Financial Markets and Institutions, Corporate Finance, Money and Banking

Northwestern University

Study Abroad

Evanston, IL

Dec. 2021

WORK EXPERIENCE

ScaleX Ventures

Venture Capital Analyst

Istanbul, Turkey

Mar. 2023 – Aug. 2023

Summer Analyst

Jun. 2022 – Sept. 2022

- Evaluated potential investments in Enterprise Software, Deep Tech, and Health Tech industries across Central and Eastern Europe; sourced and pre-screened new deals through inbound and outbound channels, bolstering the top of the funnel
- Conducted due diligence on prospective investment opportunities, covering financial models, competitive landscape, valuation analysis, and industry expert and reference calls; wrote investment memos
- Performed market research across emerging technologies, including Web3 and generative AI; presented findings to the investment team
- Attended pitch meetings and networking events; established long-term relationships with founders
- Analyzed financial metrics to assess fund performance and prepared pitch decks for the LP data room; supported Fund II fundraising

Simon – Kucher & Partners

Associate Consultant

Istanbul, Turkey

Jun. 2021 – Sept. 2021 & Jan. 2022 – Mar. 2022

- Built a dynamic freight pricing tool via Dataiku and Excel for a US-based logistics client; prepared final presentations
- Analyzed quantitative and qualitative data to rebuild the sales organization of a leading chemical company, enhancing sales force effectiveness
- Conducted benchmarking analysis; delivered data-driven insights for the formulation of an effective e-commerce strategy for a client in the consumer goods industry, resulting in a 54% increase in sales

PepsiCo

Category Management & Analytics Intern

Istanbul, Turkey

Mar. 2020 – Nov. 2020

- Analyzed consumer and market data to assess category performance; identified growth opportunities
- Delivered strategic recommendations to retailers leveraging category insights

LEADERSHIP

Koc University Financial Investment Group

Committee Member

Istanbul, Turkey

Sept. 2020 – Jun. 2021

- Managed a virtual portfolio consistently outperforming the benchmark; forecasted market moves and evaluated potential trades; compiled and presented mergers and acquisitions reports at weekly meetings

Koc University Dean's Office

Mentor

Istanbul, Turkey

Sept. 2020 – Jun. 2021

- Offered personalized guidance to 10 first-year students; assisted them in defining their academic and career goals; received positive feedback from all mentees

SKILLS

Computer: Proficient in Microsoft Office (Word, Excel, PowerPoint), SQL, SPSS, and Stata

Language: Fluent in English, German, and Turkish

RUIXUAN TAN

New York, NY 10024 | Tel: 3322762520 | rt2913@columbia.edu | <http://linkedin.com/in/ruixuantan>

EDUCATION

Columbia University, New York, NY 09/2023 - 12/2024
Master of Arts in Economics

University of Macau, Macau, China 08/2019 - 06/2023
Bachelor of Social Sciences in Economics | GPA: 3.78/4.0 (Ranking: 3 out of 49)
Honours: Dean's Honours List for seven consecutive semesters

INTERNSHIPS

Qiuqian Consulting 05/2023 - 08/2023
Research Analyst Intern Chengdu, China

- Engaged in projects in the medical device SPECT and SIC chip industries by participating in expert in-depth interviews and audio-recordings, provided suggestions of business strategy and competition pattern to clients from policies, technical difficulties, peer enterprises, consumer selections and application scenarios
- Participated in research on coffee industry through analysis of brand auditing, SKU, competitor action and consumer preferences

China International Capital Corporation Limited. 07/2021 - 09/2021
Investment Banking Department Assistant Beijing, China

- Conducted desk research on institutions that invested in the military, civil aviation, and medical fields, including investment stage, competition pattern and corporate advantages to help one related company do IPO
- Researched into the IoT industry, compared the differences among Tuya Smart, Xiaomi and other Chinese IoT platform companies, covering their strategic layouts, consumer features and platform core competitiveness, finding that IoT companies benefit from cross-industry integration of software and hardware
- Studied the requirements and cases for A-shared listed companies to spin off and for subsidiaries to list A shares, and provided advice on policies, requirements and financial reports for A-share split listing to clients

Huaxi Securities, China 06/2021 - 07/2021
Wealth Department Intern Chengdu, China

- Managed financial statements and consumer data, analyzed insights in detailed posters and slideshows, covering consumer preferences, risk averse and product market potential
- Updated the Pitch Book data using financial databases, researched market size of AI industry in China and its growth potential to identify market gap and provide suggestions for the layout of a related company

CAMPUS EXPERIENCE

Economic Society of University of Macau 09/2021 - 06/2023
Director of Finance Department Macau, China

- Organized over 20 student activities and took charge of appropriation budget and financial management and reports
- Experienced the Sharing Session of the Economics Department in March 2023, inviting senior schoolmates to share their experience in studies and work
- Arranged Macau Commercial Bank Sharing on the economic prospect of Macau in April 2022, participating in discussions on the economic development status, industrial structure and transformation, young graduates' employment situation, and challenges in the diversified industrial development in Macau

Entrepreneurship Group of Cheng Yu Tung College, University of Macau 09/2020 - 09/2021
Group Member Macau, China

- Prepared to launch the entrepreneurship project by writing business plans, conducting market surveys, and evaluating the feasibility of the project
- Completed over ten pages of a business plan on the "RUN ERRANDS" APP

PROFESSIONAL SKILLS

- Computer: Python, SPSS, Microsoft Office Suite, Eviews, XLSTAT
- Languages: Mandarin (Native), English (Fluent), Cantonese (Beginner), French (Beginner)

RENEE WANG

573-466-3294 | rw3016@columbia.edu | New York, NY

EDUCATION

Columbia University, Graduate School of Arts and Science, New York, NY

December 2024

Master of Arts in Economics

GPA: 3.5

New York University, College of Arts and Science, New York, NY

May 2023

Bachelor of Arts in Economics, Minor in Mathematics

GPA: 3.65

Honors and Awards

Presidential Honors Scholar

2020 – 2023

Dr. Evan and Brooke Kaye Research Scholar

Fall 2022

Best Presenter at NYU Undergraduate Research Conference

Spring 2023

SKILLS

Coding: Python, R, SQL, Stata, MATLAB, Java, Javascript, HTML, CSS

Technology: Microsoft Office, Jira, Oracle

EXPERIENCE

Teaching Assistant, **Columbia University**, New York, NY

January 2024 – present

- Prepares course material on micro and macroeconomics by attending Principles of Economics lectures
- Teaches weekly recitations reviewing new material and working out mathematical examples
- Holds office hours each week and answers questions on Ed Discussion
- Grades exams and problem sets

Accounting and Finance Intern, **Brewer Science**, Rolla, MO

June 2023 – August 2023

- Worked to reduce financial risk by completing hedging analysis
- Documented processes for auditing, depositing invoices, and various other functions to ensure business continuity in the USA and international branches
- Cataloged and updated fixed asset expiration dates in Oracle
- Reviewed data for company referral bonus program and closed out previously scheduled payouts to ensure record keeping is up-to-date in Jira

Human Resources Intern, **Brewer Science**, Rolla, MO

June 2022 – August 2022

- Initiated and designed new employee onboarding gift packages to build employee stickiness
- Built a company-wide lending library to promote knowledge development
- Completed data management project, including job title consolidation and competency development
- Streamlined and document-controlled various personnel files for the department
- Organized departmental volunteer opportunities, researching the impact and values of various organizations and submitting documents to selected charities that best align with company values

Research Assistant, **Missouri S&T, Business and IT Department**, Rolla, MO

May 2020 – Oct. 2020

- Researched initial COVID-19 impact from Jan. 2020 to July 2020 in different nations
- Conducted many statistical analyses, including two-way ANOVA test and post hoc Tukey test on the effects of development on the total cases and deaths of COVID-19 using Jupyter Notebooks
- Generated several graphs to visualize the relationship between development and rates of COVID-19
- Conducted literature review by compiling and summarizing previous literature on the subject
- Co-authored two published papers for the International Conference on Information Systems

ACADEMIC PROJECTS

New York University, College of Arts and Science, New York, NY

2022 – 2023

Honors Thesis: “Proposer Uncertainty and Competition in Ultimatum Bargaining: an Experimental Study”

- Designed, programmed, and ran experiments using oTree to gather and analyze data investigating how lack of information affects ultimatum bargaining offers when there is competition between sellers

RENEE WANG

573-466-3294 | rw3016@columbia.edu | New York, NY

EDUCATION

Columbia University, Graduate School of Arts and Science, New York, NY Dec. 2024
Master of Arts in Economics

New York University, College of Arts and Science, New York, NY May 2023
Bachelor of Arts in Economics, Minor in Mathematics

GPA: 3.65

Honors and Awards

Presidential Honors Scholar 2020 – 2023

Dr. Evan and Brooke Kaye Research Scholar Fall 2022

Best Presenter at NYU Undergraduate Research Conference Spring 2023

ACADEMIC PROJECTS

New York University, College of Arts and Science, New York, NY 2022 – 2023

Honors Thesis: “Proposer Uncertainty and Competition in Ultimatum Bargaining: an Experimental Study”

(<https://github.com/rw2617/ugthesis>)

- Designed, programmed, and conducted experiments to gather and analyze data investigating how lack of information affects ultimatum bargaining offers when there is competition between sellers

SKILLS

Coding: Python, R, SQL, Java, Javascript, HTML, CSS

Technology: Microsoft Excel, PowerPoint, Word/Google counterparts, Social Media (Instagram, TikTok)

Language: Mandarin Chinese

EXPERIENCE

Accounting and Finance Intern, **Brewer Science**, Rolla, MO June 2023 – August 2023

- Worked to reduce company risk by completing hedging analysis
- Cataloged and updated fixed asset expiration dates in Oracle
- Documented processes for various functions to ensure business continuity
- Reviewed data for company referral bonus program and closed out previously scheduled payouts to ensure record keeping is up-to-date in Jira

Human Resources Intern, **Brewer Science**, Rolla, MO June 2022 – August 2022

- Initiated and designed new employee onboarding gift packages to welcome them to the organization
- Streamlined and document controlled various personnel files for department
- Completed data management project including job title consolidation and competency development
- Developed and organized company-wide lending library
- Organized departmental volunteer opportunity, including researching various organizations and submitting documents for approval to selected charities

Barista/Cashier, **Spoon Me**, Rolla, MO May 2021 – August 2021

- Managed the daily operation of the store including cash flow and relationship with supplier
- Designed the menu with customizations based on observation and analysis of preferences and advertised promotions that increased store loyalty
- Communicated with customers and provided tailored recommendations

Research Assistant, **Missouri S&T, Business and IT Department**, Rolla, MO May 2020 – Oct. 2020

- Researched initial COVID-19 impact from Jan. 2020 to July 2020 in different nations
- Conducted many statistical analyses including two-way ANOVA test and post hoc Tukey test on the effects of development on the total cases and deaths of COVID-19 using Jupyter Notebooks
- Generated several graphs to visualize the relationship between development and rates of COVID-19
- Conducted literature review by compiling and summarizing previous literature on the subject
- Co-authored two published papers: “Effects of National Culture on COVID-19 Pandemic Control and Management” and “COVID-19: Information and Communication Technologies on Pandemic Management”

Weijia Yang

wy2434@columbia.edu | (949)-691-2987 | New York, NY, 10027

EDUCATION

Columbia University Sept. 2023 – Expected Dec. 2024
Master of Arts in Economics (STEM)

University of California, Irvine Sept. 2019 – Mar. 2023
Bachelor of Arts in Business Economics
Honor in Economics | Deans Honor Lists 7 times | Research Experience Fellowship | The PBK Society
GPA: 3.94 Magna Cum Laude | Major GPA: 3.98

WORK EXPERIENCE

Orient Securities Co., Research Institute Shanghai, China
Industry & Company Research Analyst Intern June 2023 – Aug. 2023

- Constructed financial modeling, DCF & CCA valuation, and financial analysis about both private sector and publicly traded companies under TMT sector with focus on Artificial Intelligence (AI)
- Conducted a deep dive research on technology behind integration of cloud service and AI application
- Predicted potential AI development trends in China, with comparison to North America and Europe
- Presented industry and company research findings in written reports and verbal presentations

FarEast Holding Co. LTD Jiangsu, China
Competitive Advantage and Strategy Research Intern Apr. 2023 – June 2023

- Investigated developmental strategies for market entry, production planning, operational optimizing, value-chain improvement, and achieved a cost reduction of 2%
- Interpreted company performance via financials, factory visits, and in-depth interviews with senior staff
- Identified potential acquisition target by studying competitors' financials and forecasting potential synergies for industries of power battery/electric cable manufacture and airport construction

Amino Capital San Francisco, USA
Investment Researcher Fellowship (VC/PE) Feb. 2023 – May 2023

- Performed due diligence on potential investments in privately held companies in the technology sector
- Examined companies' business models, competitive landscape, and SWOT analysis
- Forecasted growth prospects of private companies using CCA model and Monte Carlo Simulation Model

Yinhua Fund Management Co. LTD. Shanghai, China
Analyst Intern July 2022 – Sept. 2022

- Summarized current market performance of Chinese health sector and investment opportunities
- Compared the USA and Chinese healthcare systems and their implication for profitability
- Identified market growth and future investment value of the Medical Beauty Industry in China

Accenture China Shanghai, China
Project Management Officer June 2021 – Sept. 2021

- Managed two SAP enhancement projects pacing and timelines, coordinated meeting times among three departments, and successfully launched the product on time for a top-10-Fortune 500-company client
- Reported project progress by hosting weekly online meetings with C-level clients in U.S. headquarter

LEADERSHIP EXPERIENCE

CINEC Finance Director (Non-Profit) Mar. 2021 – present

- Initiated high school alumni network under CINEC education group for current alumni student support
- Allocated funds from alumni and education group for alumni activities for around \$800 per year
- Hosted "University Life Expectation" series and "Connect-Alumni" parties each with 300 participants

SKILLS

Languages: English (fluent), Mandarin (native)

Computer software: Excel, PowerPoint, Word, Wind, STATA, Eviews, Python, MATLAB

Xunhao Zhang

Tel: 86-18911839106 | **E-mail:** xz3244@columbia.edu

Add: New York City, The United States

EDUCATION BACKGROUND

09/2019-06/2022 **University of California, San Diego**

- **Major:** Economics
- **Cumulative GPA:** 3.803/4.0
- **Main Courses:** Microeconomics, Macroeconomics, Econometrics, Financial Accounting, Enterprise Finance

INTERNSHIP EXPERIENCES

10/2022-04/2023 **SDIC Essence Futures**

Position: Macroeconomic Research Assistant

- Searched and tracked the important US economic indicators and data on the BLS, BEA, and Bloomberg Terminal.
- Collected main China's economic targets such as employment and inflation; compared China's monetary, fiscal, and real estate policies over five years.
- Summarized key points from FOMC documents; analyze the Fed's view on inflation and the potential impact of monetary policies on the major asset markets.
- Built the US economic overview, which contains US macroeconomy in the 20th and 21st centuries including GDP, inflation, and nonfarm payroll employment, as well as post-pandemic US economy including consumption, investment, supply, CPI MoM growth rate; find patterns over the long-term data and provide viewpoints on the future US economic trend.
- Researched U.S. Treasury bonds and Treasury futures contracts, including short, medium, and long-term bond issuance structure from 2000 to 2022, bondholder demographics, and delivery mechanism of Treasury futures contracts.
- Applied linear regression models to see correlations between economic factors such as GDP, government expenditures, and fixed investment.
- Made a simple econometric model by using Stata; ran regression between unemployment continued claims and seasonally adjusted unemployment data; provided perspective on whether the US economy can achieve a soft landing.

07/2022 - 09/2022 **China Securities Co., Ltd**

Position: Intern of Asset Management Department

Responsibilities:

- Engaged in industry research including industries and selected companies to find the correct investment targets by providing investors with the basis for investment decisions, reminding investors of the risk points and discovering the value of industry investment, and identifying entry points for investment by figuring out the industry cycle and current stage, analyzing the key influencing factors of industry development and predicting the future development trend of the industry.

Project 1: Research on the Lab-Grown Diamond Industry

- Analyzed the overall industry profile, such as manufacturing methods, industrial chain, supply, and demand of the industry, etc.; selected major upstream manufacturers and analyzed their business.
- Made Excel tables to analyze financial statements, ownership structure, and consumer market size measurement of the three major upstream manufacturers; collected lab-grown diamond industry policy and suggested constructive suggestions.

Project 2: Research on the Soda Ash Industry

- Analyzed the overall industry profile, such as manufacturing method, industrial chain, demand and supply side data, import, and export.
- Selected three listed companies, extracted the key information of annual reports, and demonstrated the fundamentals with Excel; looked through the critical data from main companies in the industry including the profitability, and turnover ratios; made predictions on the profit margins of the company, etc.

PROFESSIONAL SKILLS:

- **Computer:** Microsoft Office, Stata, MATLAB, Wix Web Site Production, Video Clip
- **Language:** Native in Chinese, Fluent in English, Elementary in German
- **Certificate:** CFI Financial Modeling and Valuation Analyst (FMVA)

Kaiyuan Zhao

kz2510@columbia.edu • New York, NY 10025 • [LinkedIn](#)

EDUCATION

Columbia University

Master of Arts, Economics

New York, NY
Anticipated, August 2023 – December 2024

Georgetown University

Relevant Courses: Political Economics, Financial Economics

Washington, DC
August 2022 – May 2023

University of Rochester

Bachelor of Science, Applied Mathematics

Rochester, NY
August 2018 – May 2022

Minor, Economics

Relevant Courses: Micro & Macro, Behavioral Economics, Econometrics, Game Theory, Statistics, Operations Research, Multivariable Calculus, Probability, Topology, Real Analysis, Linear Algebra, Stochastic Process, Numerical Analysis, Intro to Programming

University of California, Berkeley

Relevant Course: History of Economic Thought

Berkeley, CA
May 2019 – July 2019

RESEARCH

National Science Foundation (NSF-REU/TRIPODS 2021)

Student Researcher

Rochester, NY
July 2021 – May 2022

- Conducted research on Neural Networks as approximators for non-Lipschitz functions
- Co-wrote research paper “Fractal Dimension, Approximation and Data Sets,” submitted for publication
- Explored machine learning on sales models with economic indicators to study the impact of pandemic on sales patterns and their relationships with other indicators
- Presented preliminary results at the symposium

The Equity Premium Puzzle

Behavioral Economics Project Member

Rochester, NY
November 2020 – December 2020

- In a team of three, analyzed and visualized empirical data
- Investigated the non-participation-bias of the stock market to study the behavior of risk aversion

EXPERIENCE

Columbia University

Teaching Assistant

New York, NY
January 2024 – Present

- Hold recitation sections and office hours
- Grade exams

University of Rochester

Workshop Instructor

Rochester, NY
January 2020 – May 2020

- Led weekly workshop sessions of CSC161 “Intro to Programming”, in-person and later online
- Facilitated discussions among students, resulting in my students performing well in the course overall
- Proctored and graded quizzes

Everbright Securities Co. Ltd

Intern

Beijing, China
July 2019 – August 2019

- Took part in and participated in administrative morning briefings
- Provided customer service via telephone, email, and chat. Resolved technical issues and other concerns
- Researched on portfolio choices of potential customers

LEADERSHIP ACTIVITIES

Columbia University, MESA

Student Board Member

New York, NY
January 2024 – Present

- Elected to Organize events on professional development and community building
- Survey students to collect their feedback
- Attend plenary meetings of the Art and Science Graduate Council

SKILLS

- Proficient Python, R, STATA, LaTeX, MATLAB, and Microsoft Office; Elementary Java and TensorFlow
- Native Mandarin

XIAOYIZHUO ZHAO

E-mail: xz3248@columbia.edu | Tel: 6513951721

EDUCATION

Columbia University	<i>Master of Economics</i>	NY, NY, USA 2023.09-2025.05
University of Minnesota, Twin Cities	<i>BS in Economics (Minor : Computer Science)</i>	MN, Minneapolis, USA 2020.02-2023.05

- **Major GPA** : 3.88/4
- **Courses** : Intermediate Microeconomics & Macroeconomics, Econometrics, Theory of Statistics I & II, Calculus I & II, Lin Alg & Diff Eqs, Introduction to Algorithms and Program Development, Algorithms and Data Structure
- **Shandong University of Finance and Economics** *Bachelor of Applied Mathematics* Jinan, China 2018.09 - 2019.12

INTERN

-
- | | | |
|--|---|-------------|
| Rizhao Financial Investment Group | <i>Intern Analyst, Investment and Finance</i> | 2019 Summer |
|--|---|-------------|
- Compared China's clean energy and traditional energy industries by assessing the new energy industry environment, industry policies, competitors, the latest ESG trends, and market demand. Collected and organized data from public channels(Bloomberg, Wind) to provide insights on energy transformation.
 - Responsible for the due diligence of the target company, analyzing the 2015-2018 annual and quarterly financial reports. Analyzed operating income growth rate, profit margin, capital structure, and leverage ratio to complete nine pages report.
 - Collected local energy market data to formulate demand curves through the population, economic growth rates, and industrial structure upgrades.
- | | | |
|------------|---------------------|-------------|
| PwC | <i>Audit Intern</i> | 2023 Summer |
|------------|---------------------|-------------|
- Collected and organized data on total assets, deposits, revenue, non-performing ratio, shareholder structure, etc. of agricultural and commercial banks with total assets exceeding 90 billion yuan, and selected suitable banks for bidding based on changes in bank audit accounting firm.
 - Participated in the internal control and compliance department of the audited bank and the planning and finance department's inquiry meeting, raised questions on employee behavior evaluation, employee abnormal behavior reporting, and the feasibility of outsourcing activities. Assist in completing meeting minutes for internal control inquiries.
 - Participated in the walkthrough test of the audited bank for credit card business loans.
- | | | |
|-----------------|---------------------------------|------------|
| JPMorgan | <i>Industry Research Intern</i> | 2023.03-05 |
|-----------------|---------------------------------|------------|
- Provide research data on the photovoltaic industry for clients engaged in mergers and acquisitions. Analysis of the overview of the photovoltaic industry: industry policies, main barriers, market space, development prospects, and competitive landscape have been organized.
 - Compare the value of the company that the customer wants to acquire with other similar companies. Select EV/EBITDA and EV/Sales multiples as valuation analysis multiples, calculate the average of the enterprise value multiples that the company has won in comparable transactions, and ultimately obtain the estimated value of the target company.

PROJECT

-
- | | | |
|--|--|-------------------|
| Elements of Financial Engineering | <i>Researcher, Summer Research Project</i> | 2022.07 – 2022.09 |
|--|--|-------------------|
- **Background:** Under Professor Cosimo Arnesano(USC) guidance, Analyzed four stocks to obtain the best diversified holdings and management portfolio.
 - Screened four individual stocks of XOM, GS, GM and NLFX from various industries; Calculated effective frontier using mean-variance optimization.
 - Applied the Weighted Moving Average Method and Exponential Smoothing Model to stock returns. Compared in-sample errors and predicted the overall portfolio return.
 - Grouped the four stocks XOM, GS, GM, and NLFX to examine immediate and long-term correlation structure through the CAPM model and cointegration analysis.
 - **Achievement** : Xiaoyizhu Zhao, "Forecasts and Relationships for German and Russian Stock Indices"; Published 2023 in Applied Economics and Policy Studies (AEPS) (Print ISSN 2731-4006) or Advances in Economics Management and Political Sciences (Print ISSN 2754-1169)

SKILL

-
- **Languages** : English can be used as working language
 - **Software**: Master in Microsoft Office, Python, R, Eviews
 - **Hobby** : Skydiving; Basketball; Stocks

Jinqiao Zhou

jz3696@columbia.edu | +1 513-237-9212 | NY

Authorized to work in the United States with OPT, STEM Extension;

EDUCATION

Columbia University *Master of Arts in Economics* Sept. 2023 – Dec. 2024

University of Minnesota *Bachelor of Science with Distinction* Sept. 2020 – May 2023

Economics BS & Statistical Science

Dean's List (2020 Fall - 2023 Spring)

EXPERIENCE

Chuko Corp.

May 2021 – May 2023 | Manager of Financial Planning and Analysis

- Assisted in various financial modeling activities, including new market investments and acquisition analysis.

Great Wall Securities

Nov. 2021 – Feb. 2022 | Intern (Remote)

- Composed a report on DocuSign and analyzed emerging companies in the e-signature market in China; researched on Chinese identity management and authentication software market.
- Managed and attended over 50 investor and client calls and contributed to team decision-making by taking detailed notes on discussions.

IPUMS

Sept. 2020 – May 2023 | Research assistant

- Worked as an undergraduate research assistant for three years in IPUMS to harmonize and document the world's largest individual-level population database.

University of Minnesota's Carlson School of Management.

May 2022 – Aug. 2022 | Research assistant

- Worked as a research assistant with Dr. Sandy Yu, Assistant Professor at the University of Minnesota's Carlson School of Management. Used R and other tools to create models for data analysis of the impact of female founders in accelerators.

FELLOWSHIPS

2021 UMN CLA Freshman Research Award

2022 UMN Summer Lynn Lin UG internship

SKILLS & Language

• **Skills:** Stata, MATLAB, Excel, PowerPoint, Python, R-Studio, Wind Database

• **Language:** Chinese, English, Japanese

Linxiu ZOU

21 W End Ave, New York, NY 10023 | 949-508-6302 | lz2783@columbia.edu

EDUCATION

COLUMBIA UNIVERSITY

Master of Arts in Economics, STEM

New York, NY
09/2023- Expected 12/2024

UNIVERSITY OF CALIFORNIA - IRVINE (UCI)

Bachelor of Arts in Economics, Minor in Management

Irvine, CA
09/2019 - 09/2022

- **GPA:** 3.96/4.00
- **Core Courses:** Calculus, Linear Algebra, Applied Econometrics, Corporate Finance, Intermediate Microeconomics & Macroeconomics, Management, Probability and Statistical Economics, Introduction to Sociology, Argument and Research, Introduction to Financial Investment, Principles of Accounting, Experimental Economics
- **Publications:** Shi, B., He, L., Zou L. (2022) "Research on the Convergence of High Quality Urban Development in the Yellow River Basin," The Journal of Humanities
- Yao, R., Cui, X, Zou L. (2022) "Shaanxi Province's Digital Tourism Development Path and Policy Enlightenment," Times of Economy and Trade, DOI:10.19463/J.cnki.sdjim.2022.06.025

PROFESSIONAL EXPERIENCE

Guotai Junan International

Intern, Corporate Finance

Beijing, China
09/2022 – 01/2023

- Organized and compared the overseas sponsorship of companies ready to go public
- Examined relevant cases and conducted analysis on the content and impact of equity incentives for Hong Kong listed companies
- Studied the SPAC listing rules, revised the format of the London GDR scheme and prepared the presentation for Marina Investment

Shenyang Science and Technology Financing Guarantee Co. Ltd.

Intern, Credit Guarantee Business Department

Liaoning, China
08/2021 - 09/2021

- Assisted in guaranteeing process research; helped promote market and business expansion, connected and collaborated with banks regarding diverse projects; carried out cold calls and pitching
- Conducted due diligence investigations for 15 enterprises and compiled corresponding reports
- Designed guarantee project plans according to different characteristics of the client companies, such as their capital needs, repayment abilities, the credit policy of the bank, the credit amount, approval period, guarantee rate, etc.

Liaoning Province Financing Guaranty Limited Co. Ltd.

Intern, Strategic Operation Department

Liaoning, China
06/2021 - 07/2021

- Contributed business negotiation with the provincial rural credit cooperatives; discussed the cooperative credit line and business coverage with the corresponding specialists
- Writing opening remarks at the launch of the skills training ; utilized Excel to make departmental project tracking sheet;
- Researched the three system reforms of state-owned enterprises by looking into the performance appraisal methods of non-profit organizations; further optimized the task refinement and quantification system

Sinochem Group

Intern, Operation Management Department

Beijing, China
09/2020 - 11/2020

- Collected data on supply, demand, storage, and prices of certain oil products in the industry; conducted competitive product analysis, market analysis, and predictive parsing;
- Wrote macro-data summaries and chemical industry summaries on a weekly basis; collected data and analyzed monthly project progress in different subsidiaries, including functional management, production and operation, project construction, loss governance, and cost reduction
- Analyzed the development and competition pattern of the PE market in China by using the Porter Five Forces Model; generated mind maps and wrote research reports; planned and organized three trade union and party building activities

LEADERSHIP EXPERIENCE

Chinese Scholars in Social Sciences | *Principal*

09/2020 - 05/2022

- Established and managed a student service group with more than 500 members and 2000 followers; average reading rate for each post has reached 4500 views on a daily basis
- Obtained sponsorship from Tiger Insurance, Light Summer School, etc.; raised 20K+ US dollars as operating funds; explored and tried out diverse business and cooperation models; expanded the student organization

SKILLS & INTERESTS

Languages: Proficient in English listening, speaking, reading, and writing; native speaker of Mandarin

Technical Skills: Microsoft Suite, Python, MATLAB, Adobe Certified Associate; capable of processing correlation and regression analysis, etc.

Interests: Diving (Certified PADI Advanced Open Water Diver)