

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK



DEPARTMENT OF ECONOMICS

M.A. Fall 2020 Cohort Resume Book

COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK

ECONOMICS

December 2019

Dear Employers,

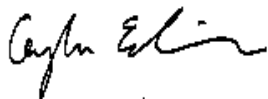
I take great pride in presenting to you our 2020 cohort. I am sure that you will find many top-quality candidates among them.

Columbia University established the Economics master's program in 2015. For this program, we receive hundreds of applications from highly qualified candidates, 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 can make 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,



Ceyhun Elgin

Columbia University

Director of the Master's Program in Economics

Email: ce2403@columbia.edu

Phone: 212-854-5712

MATTHEW BARRACKMAN

EDUCATION

Columbia University | New York, NY

August 2019 - December 2020 (expected)

Master of Arts in Economics

Coursework includes: Microeconomics; Macroeconomics; Financial Economics; Advanced Econometrics; Math Methods

Pepperdine University | Malibu, CA

August 2015 - December 2017

Bachelor of Arts in Economics, Minor in Applied Mathematics

Honors: *summa cum laude*, Dean's List Four Semesters

GPA 3.97

Coursework includes: Microeconomics; Macroeconomics; Financial Accounting; Business Computing Applications; Statistics; Probability, Linear Systems, and Multivariable Optimization; International Trade and Finance; Calculus III; Linear Algebra; Advanced Business Law; Applied Econometrics; Money and Banking.

Santa Monica College | Santa Monica, CA

January 2014 - June 2015

Took lower division major requirements and liberal arts courses
GPA 4.0

Fountain Valley School of Colorado | Colorado Springs, CO

August 2008 - May 2012

High school diploma

Dean's List all four years of upper school; National AP Scholar;
National equestrian champion; President of the French club

EXPERIENTIAL LEARNING

Horseback Riding, 2005-present

Started horseback riding at 10 years old.

Trained 20 hours a week for eight years. Won an IEA national title, an AQHA Congress title, and an NSBA World title.

Native American Interim, Four Corners Region, 2009

Study tour of the region and the cultures of the Navajo, Hopi, Ute, and Zuni tribal reserves and nations.

Completed project on the Ancestral Pueblo culture.

France Interim, 2010

Went on a study tour of France; from Paris to an exploration of Basque culture in Saint-Jean-de-Luz, to Aix-en-Provence.

Began an AP Studio Art concentration on European architecture.

Wunderkind Exhibition, Colorado Springs, 2012

Completed AP Studio Art concentration on European architecture.

Selected as one of a handful of students from the Pikes Peak region to exhibit my photography in the Wunderkind Exhibition.

CONTACT

PHONE

(702) 539-8326

EMAIL

mbarrackman@gmail.com

EXPERIENCE

Saddleback Orchard | Las Vegas, NV | Marketing Coordinator

January 2018 - Present

Oversaw marketing for a 5,000-tree pistachio orchard run by my family. Reached out to wholesalers to create a distribution network for the 40,000 pound 2018 crop. Developed a tiered pricing scheme for wholesale distribution. Worked with a creative team to develop new brand assets and a new label for the purpose of retail sales.

Sotheby's Intl. Realty | Malibu, CA | Assistant to Executive VP

July - September 2017

Interned for Michael Novotny at the Malibu brokerage office. Completed complex market research, developed professional speaker lists, organized office meetings, created training programs.

MB Farms | Vista, CA | Owner

October 2012 - August 2015

Took a gap year between high school and college and started a commercial horse boarding and training facility in Southern California.

- *Entrepreneurship*: Wrote business plan, pitched to investors, raised capital to launch the business.
- *Design*: Remodeled a dated 31-stall facility into an upscale equestrian center in two months.
- *Business Administration*: Filled to 95% capacity within six months. Turned a profit first year.
- *Training*: Bought a yearling stud colt and turned him into a competition show horse and bronze medalist in 2 months.

Santa Monica College | Santa Monica, CA | Tutor

January 2014 - June 2015

Tutored undergraduate students in business, economics, and mathematics.

- *Teaching*: Tutored a Russian student in Advanced Business Law and helped her overcome language barrier challenges.

SKILLS

French (Fluent)

Advanced Excel

R Programming Language

Stata

MatLab

Adobe Photoshop

Adobe Illustrator

LUKASZ BARTOSZCZE

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Professional Summary

Economics student and data science enthusiast, dedicated to transforming rapidly evolving markets from within. Experienced in product development, leading teams and delivering results on tight budgets. Enthusiastic traveler passionate about helping people, policymakers and businesses make informed decisions.

Skills

Languages: Polish (native speaker), English (fluent), German (working proficiency) **Activities:** Avid debater, English teacher in a homeless shelter, TEDx2SLO speaker
Technical Skills: **Interests:** Windsurfing instructor, published poet, thai boxing and judo enthusiast
Advanced: Python, R, Stata, VBA, Matlab, Bloomberg
Intermediate: Java, SQL

Work History

Economics Analyst

House Of Commons

Jul 2019 - Aug 2019

London

- Provided guidance on key Brexit-related developments as a for the MPs through daily analysis of economics topics
- Responsible for assisting the Shadow Minister of Sport, Dr. Rosena Allin-Khan in her parliamentary duties

Research Assistant

University Of Warwick

Sep 2017 - Jun 2019

Coventry

- Represented the university at the British Conference of Undergraduate Research and World Congress of Undergraduate Research, presenting research on dynamic programming application in the context of nonstationary price trends of cryptocurrencies, proposing more efficient asset bubble tests based on state-space models
- Responsible for the organization of ICUR 2019 conference as one of the Student Directors, directing a team of 46
- Assisted two professors over a 6-month period, helping with data analysis, programming and theoretical foundations

Investment Banking Summer Analyst

Bank Of America Merrill Lynch

Jul 2018 - Sep 2018

London

- Assisted the Equity Capital Markets team on a wide range of live deals covering the entirety of the EMEA region
- Designed and developed new solutions to automate Market Update generation process via VBA and Python analysis of previous deals, significantly reducing the time needed to complete daily tasks in the team
- Cooperated closely with DCM and Real Estate teams to optimize sources of funding for M&A transactions

Policy Analyst

Nowoczesna

Jun 2015 - Jul 2015

Warsaw

- Analyzed 4,000 voters' database for the program advisory board identifying key trends in terms of economic policy and foreign relations as a part of election's preparation, in which the party took 7.60% of the national vote
- Realized PR strategies through cooperation with TVN, Polish National Television and Polsat

Education

Master of Arts in Economics

Columbia University

Expected in Dec 2020

New York

- Recipient of the Dean's Scholarship
- Key Modules: Data Mining, Econometrics, Math Methods, Machine Learning
- DataFest keynote speaker and Executive Member at the Statistics Club, founder of Columbia Thai Boxing

Bachelor of Science in Economics

University of Warwick

Jun 2019

Coventry

- Final Result: High 1st Ranked in top 3% of the course students
- Dissertation Topic: Secularization, economic insecurity and public policy: Can a strong government substitute religion?

SHIVAYAN BHATTACHARJEE

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PROFILE

Seeking an opportunity in the field where my analytical aptitude, understanding of complex and intricate theory and models in Economics would help me build products and models to cater the target audience. I am a self motivated, attentive team player and value cross functional inputs.

EDUCATION

Columbia University, City of New York, New York
Master of Arts in Economics.

Expected December 2020

University of Delhi, Delhi, India.
Bachelor of Science (Honors) Mathematics
WES ICAP GPA 3.88/4.0

Received 2016-2019

Central Board of Secondary Education, Delhi, India
Senior School Certificate (10+2), CGPA 10/10

Received 2015-16

INTERNSHIP AND VOLUNTEERING

- Five weeks' Internship with "Child Rights and You" (CRY), a NPO as a campaign Manager- June-July 2018
 - Campaigned at Corporate .
 - Coordinated road shows,
 - Lead awareness movement and resource mobilization.
 - Collected fund for the cause of alleviation of child malnutrition and support education.
- Placement cell coordinator at undergraduate college
 - Information exchange students, screening of profiles, Organized interviews, filtering multiple entry,
 - Review of employers' reputation, follow up with Employer for arranging call letters .
- Volunteered tutorials in Physics and Mathematics to underprivileged children from 8th to 12th standard.

HONOURS AND AWARDS

- Final challenger in the "International Youth Math Challenge". -2018
- Certificate of Merit from Central Board of Secondary Education, India-2013-14.
- Scholarship and Commendation letter - 2013-15.
- Certificate of Achievement from "International Master Mathematics Olympiad"-2012.

SKILLS

- **Technical:** Stata, R programming, Python, Wolfram Mathematica, C and C++
- **Language Proficiency :**
 - English – Proficient (IELTS-8)
 - Hindi, Bengali and Sanskrit -Advanced.

CO- CURRICULAR ACTIVITIES

- Member Played lawn tennis for 8 years- Member of All India Tennis Association .
- Awarded Certificate of Excellence from Embassy of Japan for Japan Quiz contest.
- Student Union Prefect in School.
- Acted, directed and staged public theatre.
- Acted, directed and staged public theatre under "National School of Drama", India.
- Awarded certificate for Environment Preservation from Amity Humanity Foundation.

ANKIT BHUTANI

email – ankit.bhutani@columbia.edu, Phone: (+1)-980-225-4810
LinkedIn - <https://www.linkedin.com/pub/ankit-bhutani/18/5b6/39a>

Degree / Certificate	Duration	Institute/ School	CPI / Percentage
MA, Economics	19'Aug – Dec'20	Columbia University, New York, NY	--/--
Post Baccalaureate Program	17'Jan – 18'Aug	Columbia University, New York, NY	4.0/4.0
B Tech - M Tech Dual Degree, Electrical Engineering	09'Jul – 14'Jul	IIT Kanpur, India	8.0/10

Summary of Skills

- 5 years of industrial experience in financial services industry, risk management and data science
- Proficient in multiple programming languages including python, java, C++ and SAS
- Experienced in the use of database technologies like SQL, Teradata, Hadoop

Work Experience

American Express

Senior Manager, Risk Management (Machine Learning and Line Modelling Team) Oct'17 – Jul'19

- Developed a mechanism for adapting credit line strategy based on expected changes in the business cycle
- Supervised the automation of deployment for line models reducing the modelling cycle time by more than 50%

Manager, Risk Management (Machine Learning and Line Modelling Team) Nov'16 – Sep'17

- Conceptualized & developed an automated tool for estimating minimum random sample requirements
- Developed machine learning based credit line models providing **\$40 MM incremental PTI** across multiple markets

Data Scientist (Commercial Data Science Team) Dec'15 – Oct'16

- Developed a data science solution for identifying business like transactions in consumer base with > 95% accuracy
- Devised data science solutions for cross-sell campaigns generating **incremental PTI of \$1.7 MM**

Fuzzy Logix LLC

Platform Lead, Hadoop Jun'15 – Nov'15

- Led the company's R&D operations on Hadoop platform working directly with the firm's CTO
- Managed a team of 7 data scientists to produce company's first ever analytics suite on the platform

Data Scientist Jul'14 – May'15

- Developed high-performance data mining solutions for big data analysis and financial applications
- Created highly optimized use cases for statistical methods like Multivariate Adaptive Regression Splines
- Integrated Alteryx, a GUI based charting tool, with Teradata leading to a 27% increase in license sales

Achievements & Accolades

Winner of President's Award given to top 1% employees at American Express	Apr'19
Recipient of Chairman's Award given to top 3% employees in Risk Management, American Express	Jan'18
Selected as member, Machine Learning Excellence Group, Decision Science, American Express	Sep'18
Decision Science Innovation Award, American Express	Feb'17
Gymkhana Blues for exemplary leadership in student affairs, IIT Kanpur	Apr'14
All India Rank – 302 among 0.38 MM students in IIT-JEE	May'09

Academic Projects

Alternate Layer Sparsity and Intermediate Fine-tuning for Deep Auto-encoders (Graduate Thesis)

- Proposed 2 new strategies to improve estimation of intrinsic dimensionality through deep learning
- Achieved 3.4% increase over existing methods in reconstruction accuracy on image datasets of 2D robotic arms

Music Genre Classification Using Genetic Algorithms Induced Minimal Feature-Set

- Devised a Genetic Algorithms based feature-selection method for minimal subset for music genre classification
- Showed efficacy of the method with multiple classification algorithms like KNN and Support Vector Machines
- Demonstrated 18% reduction in feature space dimension with only 3% drop in accuracy
- Authored an IEEE paper based on this work - <http://ieeexplore.ieee.org/document/6132994/>

Active Learning for Text Classification

- Designed an intelligent system for automatically labelling text documents in multiple genres
- Employed Multinomial Naive Bayes classifier in Active Learning framework using query by committee
- Achieved accuracy up to 97% using only 100 labelling queries and 10,000 unlabelled documents

XIAOTIAN CAO

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EDUCATION

Columbia University, Graduate School of Arts and Sciences

Master of Arts in Economics

New York, NY

Expected 01/2021

Nanjing University (NJU), School of Foreign Studies

Bachelor of Arts, English & Economics

Nanjing, China

07/2019

GPA: 4.50/5.00, Economics 4.40/5.00

Honors & Rewards: Excellent Student Cadre; The People's Scholarship for top 10% students in academic performance

EXPERIENCE

HuaTai Securities Co., Ltd

Nanjing, China

Investment Intern, Medical & Health Group

06/2019-08/2019

- Conducted company valuation analysis and constructed DCF, P/E and P/S model for a \$150-million investment of a start-up medical firm, including detailed projection of future revenues and costs, with an annual return of 15.2% from IPO.
- Coordinated business due diligence with investment targets, researched their industry sectors and peer companies, evaluated market size, corporate market share, technical barriers and business strategies and wrote a 50-page investment report.
- Established a dataset about all companies on the Sci-Tech innovation board by obtaining data from a financial data base and using Excel to update the form.

Development Research Center of the State Council

Beijing, China

Research Intern

08/2018-09/2018

- Analyzed the trends of the China Coal Price since economic reform in 2015, identified the influence of domestic and foreign factors using Stata and the time-series model and forecasted a fluctuating decline in 2019.
- Evaluated Chinese business environment in the last ten years, adjusted the index system from World Bank with domestic statistics and completed a comparison with OECD countries, confirming the slowdown of Chinese economy.

Accenture (Shanghai)

Shanghai, China

Intern, Business Process Outsourcing (BPO) Department

01/2018-03/2018

- Monitored several contract deliveries monthly, compiled monthly costs and revenues with pivot table and compared them with estimates to identify extra costs, which increased profit by 10%.
- Forecasted profit margin of contracts, establishing forecasting table of monthly revenues and costs with Excel to advise my supervisor of profitable targets.

RESEARCH PROJECTS

Agricultural Economics Research Group, School of Business, Nanjing University

01/2019-04/2019

- Collected data on agricultural development in 15 cities in the region of Yangtze River Delta from local statistical yearbook, compiled data into Excel forms and conducted data wash to ensure integration of the dataset.
- Analyzed the development of agriculture with STATA, used panel data model to separate regional and industrial variation and wrote 300-page reports to illustrate agricultural recession in the region.

R&D Service and University Technology Transfer

12/2018

- Analyzed the influence of the distribution of R&D funds on the efficiency of university technology transfer by collecting data from annual education report and conducting data wash, employed stochastic frontier production function with panel data and suggested an increasing focus on research-to-industry transfer.

LEADERSHIP

Students' Union, School of Foreign Studies, Nanjing University

Nanjing, China

Vice Director of New Media Center

06/2016-06/2017

- Coordinated a group of ten members of the New Media Center of the School of Foreign Languages, and formulated more than 300 WeChat releases, with a cumulative reading of more than 30,000 times.

SKILLS

Financial Software Package: STATA, Wind, MS Word, Excel

Languages: English (Proficient), Mandarin (Native)

Interest: Basketball, Photography, Hair-dressing

AKRITI DUREJA

309 West 107th Street, New York, NY 10025 | akriti.dureja@columbia.edu | (475) 988-6404

EDUCATION

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

Expected Dec. 2020

Master of Arts in Economics

Coursework (till now): Econometrics, Macroeconomics Analysis, Math Methods for Economics, Microeconomics Analysis

Shri Ram College of Commerce, University of Delhi, New Delhi, India

2016-2019

Bachelor of Arts in Economics

CGPA: 9.122/10 | Departmental Percentile: 95%

Coursework: Calculus, Development Economics, Differential Equations, Econometrics (Introductory and Applied), Financial Economics, Linear Algebra, Macroeconomics (Introductory and Intermediate), Microeconomics (Introductory and Intermediate), Real Analysis, Statistical Methods for Economic

RESEARCH PAPERS

Foreign Direct Investment is a Catalyst for Economic Growth and Productivity of Economic Growth

Sept. 2018 – Nov. 2018

- Provided a comprehensive overview of the Foreign Direct Investment (FDI) in India
- Built the regression models based on the Solow model and Endogenous growth models
- Employed a vast time series data to conduct Granger Causality Test and Ordinary Least Square Regression
- Presented the paper at 15th South Asian Economics Students' Meet hosted by University of Colombo, Colombo, Sri Lanka in collaboration with the World Bank

Gender Inequality Disrupts Economic Growth

June 2018- July 2018

- Scrutinised the direct and indirect impact of gender imbalance in education on economic growth of the Indian economy and determined to what extent a reduction in the inequality would cause an increase in GDP using....
- Presented the paper at International Conference on 'Empowering Women: Fostering Entrepreneurship, Innovation and Sustainability' organised by Niti Ayog and Shri Ram College of Commerce
- Link: <http://srcc.edu/sites/default/files/Final%202019.pdf> (Page number: 59,87 and 135)

Structural Breaks in The Indian Agriculture: A Painful Journey

Dec. 2017 - May 2018

- Examined the relationship between the growth of the agriculture sector and GDP of the Indian economy
- Analysed various structural breaks in the agriculture sector using Chow Test and its impact on the sector
- Worked under the mentorship of Prof. Aasheerwad Dwivedi, Assistant Professor of Shri Ram College of Commerce
- Paper has been published at Strides - A Students' Journal of Shri Ram College of Commerce, Volume 2, Issue 2
- Link: <http://www.srcc.edu/sites/default/files/stridesVol2I2.pdf>

PROFESSIONAL EXPERIENCE

Amoli Trust

A Non-Profit Organization, Delhi, India

Co-founder and Research and Development Head

April 2018 - Present

- Established Amoli Trust to make the precious yet vulnerable children aware of the bitter reality of Child Sexual Abuse
- Created awareness through a medium of short stories, posters, games and slogan shouting by conducting sessions in various schools
- Taught children about the value and feel of good and bad touch and the right they have on their own body and on their emotions and imparted knowledge about the ways to deal with the unprecedented situation
- Leading a team of 30 volunteers to brainstorm, research and design new ways to create consciousness among children

Centre for Socio-Economic and Political Research

New Delhi, India

Research Intern

July 2019; June 2018 - July 2018

- Applied theoretical concepts to real-life situations and assessed various data sets and policies of the government of India
- Prepared articles on various issues such as demonetisation, food inflation, flaws under the regime of the Modi Government, etc.
- Designed a report regarding the pros and cons of the budget presented by the Finance Minister, Nirmala Sitharaman and a speech for Mr. Francisco Sardinha, former Chief Minister of Goa regarding the scenario of agriculture and allied sector in India and a proposal for a conference - 'The economics of renewable energy'

India Infoline Housing Finance Ltd.

New Delhi, India

Credit Underwriter Intern

June 2017 - July 2017

- Drafted assessment reports such as repayment track record (RTR), banking statements, credit approval memorandum (CAM) etc.
- Analysed borrower's credit-worthiness

CONFERENCES

- Selected for **Budding Economist Event** at 15th SAESM and was among the top 6
- Delegate at the **Harvard Us-India Initiative Conference**, 2018

LEADERSHIP & ACTIVITIES

Founder and President, Kalakshetra - A Classical Dance Society, Shri Ram College of Commerce

2017-2018

Media President, Delhi University Students' Union

2017-2018

Cultural President, Delhi University Student's Union

2016-2017

TECHNICAL SKILLS

Statistical Software: Stata, EViews, R

MS Office: Excel, Word, PowerPoint, Access

Changhao He

Phone: (929) 386-8032

Email: ch3489@columbia.edu

EDUCATION

Columbia University in the City of New York M.A. in Economics 12/2020

China Agricultural University & University of Colorado, Denver B.A. Major in Economics and Minor in Math & Communication & International Studies GPA: 4.0 06/2019

TECHNICAL SKILLS

Computer Skills: Stata, Matlab (Octave), Python

INTERNSHIP EXPERIENCE

ICBC Financial Asset Investment Co., Ltd. Intern, Investment Department 08/2018

Studied valuation and debt-to-equity swap policy, dealt with data arrangement and form filling, and attended meetings to discuss valuation system. Conducted thoroughly investigation on the largest four listed enterprises in gold industry from the perspective of financial analysis, valuation study and industry prospect. Engaged in the industry and client research based on policy and index change, including GDP share, growth rate, net value and asset-liability ratio, investigated and predicted potential customers and industry for debt-to-equity swap and studied possible impact Sino-US trade war brings to the development of Chinese companies

Lianxun Securities Intern, Investment Management Division 07/2018

Conducted price volume analysis of stocks within day trading, roughly grasped the idea of Alpha factor and tried to find it for profit prediction utilizing Octave, an open access version of Matlab. Studied and analyzed 101 factors put forward in the World Quant papers and tried to compose factor formula on my own in order to offer preliminary understanding about the 191 factors proposed by Guotaijunan Securities

RESEARCHES & PAPER

Independent Study Advisor: Prof. Enoch Cheng 10-12/2018

Collected data of the pickups or drop offs of Taxi and Uber in the same time slot in different places and in the same place in different time slots. Utilized Postgre SQL and Python to conduct an in-depth analysis for the relevance between trip data and behavior of customers and explored the potential reasons for the distinctions.

A Literature Review on Family Migration: From the Traditional Model to a Symmetrical Gender

Power Balance 06/2017

SWOT Analysis of ICB 11/2016

Cooperated with other 3 students to design a 3-5 year goal for ICB program by utilizing SWOT analysis method to gain a thorough knowledge of ICB program and studying and matching ICB and its external environments to put forward hierarchy plans

Marketing Plan Project 12/2016

Participated in the survey and analysis of a sushi restaurant near China Agricultural University by utilizing Market Mix 4P theory to probe the necessity of a sushi restaurant and figured out feasible advertisement video for restaurant publicity

EXTRACURRICULUM ACTIVITIES

Student Union of International College Beijing, China Agricultural University

Officer, Sports Department 09/2015-07/2016

Assisted to organize sports meet and took part in various kinds of sports events. Acted as a referee for freshman basketball match, prepared freshman fraternity and took charge of sports test.

HONORS

First Prize, Learning Excellence Award, China Agricultural University 11/2017 & 2018

Outstanding Student Award, China Agricultural University 2017 & 2018

First Level Scholarship, University of Colorado, Denver 2017 & 2018

Academic Athlete, University of Colorado, Denver 2017 & 2018

Second Prize, Learning Excellence Award, China Agricultural University 11/2016

ADDITIONAL INFORMATION

Citizenship: China

Language Ability: English, Chinese

Hobbies: the game of Go (Weiqi), soccer, Taekwondo

Education

Columbia University MA| Economics

- Expected Graduation:
December 2020

University of Colorado, Boulder BS| Computer Science & Economics Minor

- GPA: 3.68
- Graduated with Latin honors
- Engineering Dean's list; all semesters
- Graduated: August 2019

Relevant Coursework

Computation

Machine Learning
Artificial Intelligence
Data Science
High-performance Computing
Stochastic models

Economics

Econometrics
Mathematical Economics
International Economics (Spring 2020)

Skills

Productivity Software

Microsoft Office, Python
R, Stata, Jupyter Notebooks
Scala, Fortran
Java, HTML, CSS

Creative Software

Photoshop, Cubase
Adobe (Premiere, After Effects),
Final Cut Pro, Final Cut Express

Languages

Hindi, Kannada (native),
Japanese (intermediate)

Experience

Undergraduate Teaching Assistant | CU Boulder, CS Engineering August 2018 - May 2019

- Served as head undergraduate teaching assistant responsible for conducting work groups, creating weekly math assignments and grading exams.
- Helped students with coursework which resulted in a one letter grade improvement for enrolled students.
- Classes Taught - Introduction to Computing in Python, Discrete Structures

MUSSELS (Research) | CU Boulder, Computer Science Engineering May 2018 - August 2018

- Conducted research on observing the effects of using stochastic models for climate simulations.
- Part of a research team that worked on Modeling and Uncertainty in Storm and Sea LEvelS which studied the effect of using Markovian models in long-term climate simulations; expanded the implementation of models in Python from Fortran
- <https://github.com/MUSSELES>

Learning Assistant | CU Boulder, Engineering Leadership Program January 2019 - May 2019

- Worked as Earn-Learn Assistant for ENLP 2000 (Engineering Leadership) taught by Dr. Shilo Brooks - Faculty Director, Engineering Leadership Program
- Helped students with formal writing and disseminating information on topics such as political philosophy and leadership in the modern world.
- <https://www.colorado.edu/engineeringleadershipprogram>

Projects/Writing

Senior Thesis | Sea Level Rise and heat Diffusion Model August 2018 - August 2019

- Conducted research on future climate projections and the effect of using stochastic processes in such models.
- Found evidence suggesting that including more number of correlated parameters decreases uncertainty in projections but widens the width of distribution.
- <https://github.com/niharnandan/thesis>

Political Thought | Paper on class inequality in India January 2018

- Conducted research on class inequality in India
- Wrote a short paper on the moral and monetary cause and effect of the class divide between rural and urban areas in India
- <https://github.com/niharnandan/papers>

Interests

- Music production, political philosophy and modern thought, computer hardware design.

JOHN HOLTZE

34 W 69th St Apt. #2F ♦ New York, NY 10023 ♦ (203) · 507 · 6249 ♦ holtzejack@gmail.com

EDUCATION

Columbia University, Graduate School of Arts and Sciences

Exp. Dec 2020

Master of Arts in Economics; GRE Score: 162 Verbal, 166 Quantitative, 5 Writing

Georgetown University, Georgetown College

May 2016

Bachelor of Arts in Political Economy and Mathematics; *Magna Cum Laude*

- **George F. Baker Scholar:** Awarded to 10 rising juniors out of 870-person Georgetown College class for academic excellence, leadership, and strong interest in business / community service
- **Honors Political Economy Thesis:** Examined the effect of variance in the long-term capital gains tax rate relative to the ordinary tax rate on income inequality through several time fixed effects models tabulated in Stata
- **Activities:** Director of a cappella group, Captain of '15 parent & family orientation, Tutor for adjudicated youth

The American School in London

June 2012

Salutatorian; SAT Score: 2330 (780 Reading, 800 Math, 750 Writing)

EXPERIENCE

EY Quantitative and Economic Statistics Group, Senior Intern, Washington, DC

Exp. June 2020 - July 2020

PwC, Advisory Associate, New York, NY

Aug. 2016 - Mar. 2019

- Delivered core solution component without defects after adoption of responsibilities (business requirements to QA) from third-party contractor and management of three client-side developer resources
- Identified opportunity, generated materials, and delivered process to streamline existing test case profiling and execution at a Fortune 500 company, reducing effort by 60% while increasing overall testing coverage
- Led over 30 interviews with a Fortune 500 annuity operations department to understand current state, identify process inefficiencies, and acquire subject matter expertise for communicating future state technical requirements
- Drove life insurance & annuity market analysis through data modeling to support the delivery of an internal go-to-market strategy and prospective, prioritized client list for a partner / director summit

Overseas Private Investment Corp., Analyst, Washington, DC

May 2015 - Aug. 2015

- Co-wrote three credit papers for loans to projects located in developing markets that range from \$6 mm to \$50 mm in the education, mortgage insurance and mortgage industries
- Performed sensitivity analyses on several models in the education sector in Ghana, tracking the impacts of changes in exchange rates, foreign currency depreciation, enrollment projections and donation revenues
- Responded to inquiries on OPIC's eligibility criteria for loans to projects sponsored by American SMEs

Students of Georgetown, Inc., Director of Point of Sale, Washington, DC

Sept. 2013 - May 2016

- Managed product point of sale info for a branch at the largest student-run non-profit (annual rev: \$4.5 mm)
- Standardized and maximized daily purchase orders by leveraging count data analysis, bootstrapping techniques, and time series data analysis in R on point of sale data, thus reducing spoilage by 35% and increasing sales 20%
- Collaborated directly with DC storefronts to create standing orders for three new sandwich and salad vendors

Towerbrook Capital Partners, Analyst, London, England

May 2013 - July 2013

- Compiled financials of Towerbrook's \$8 bn portfolio for its upcoming presentation to investors

Forum Partners Investment Management, LLC, Analyst, London, England

May 2012 - June 2012

- Presented research on the real estate market in the Middle East to founder/CEO for possible firm expansion

SKILLS & INTERESTS

Functional Skills

Familiarity with STATA, R, Python, MATLAB, LaTeX, MS Suite incl. MPP

Citizenship & Languages

US Citizen, UK Permanent Residence Visa; Proficiency in Spanish

Interests

Music (guitar, voice, saxophone), crosswords, water skiing, Arsenal & Minnesota sports

Yuxiang Hou

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EDUCATIONAL EXPERIENCE

Columbia University in the City of New York

MA in Econometrics and Quantitative Economics

New York, NY

Expected Dec 2020

- Relevant Coursework: Macroeconomics, Econometrics, Statistics, Financial Economics

The College of William and Mary

BA (Honors) in International Relations and BA in Economics

Williamsburg, VA

May 2019

- Cumulative GPA: 3.74 / 4.00 Economics Major GPA: 3.94 / 4.00
- Honors: Dean's List (Fall 2015, Fall 2016, Spring 2017, Fall 2017, Fall 2018, Spring 2019)

SKILLS

Quantitative Skills: R, Stata, SPSS

Microsoft Office Suites: Excel, Word, PowerPoint

Languages: English and Chinese (Mandarin)

PROFESSIONAL EXPERIENCE

Lyons Mortgage Services, Inc

Intern

Astoria, NY

May 2019---Jun 2019

- Studied the pricing of mortgage loans and valuation of mortgage-backed securities in the secondary mortgage market
- Analyzed economic data releases and macroeconomic trends to assist the Vice President in the setting of mortgage rates
- Participated in the risk management with the underwriting department in issuing residential and commercial loans

W&M Tribe Tutor Zone

Tutor

Williamsburg, VA

Oct 2017---May 2019

- Provided one-to-one tutoring on econometrics, statistics, micro / macroeconomics
- Developed strong communication and interpersonal skills through helping students gain independent learning skills and devising solutions based on their academic needs

AidData (W&M Research Lab)

Researcher

Williamsburg, VA

Nov 2017---Apr 2018

- Collected and sorted out a large number of foreign aid data through tracking financial flows in news and government documents to identify the growing development investments led by China
- Contributed to the development of large data sets which have been cited by BBC and CNN to facilitate quantitative researches on macroeconomic influence of financial aids

China Minsheng Bank

Intern

Nanjing, China

Jun 2017---Aug 2017

- Conducted market researches, delivered financial analyses on multiple industries, and submitted financial statements
- Assisted the process of monitoring portfolio performance through interpreting financial indicators and data
- Advocated financial derivatives and personal foreign exchange trading to clients to diversify their portfolios

PUBLICATIONS

Impact of China's One Belt One Road Initiative at Different Geographical Scales (2019): analyze the political economy of OBOR initiative and examine global macro impacts of international investment projects on economic integration

Is Finance Making Geography Increasingly Insignificant? (2018): incorporate empirical evidence from the latest financial technology to examine the effects of Fintech on traditional markets and economies in a geographical context

LEADERSHIP EXPERIENCE

Russian Music Ensemble

Founding Member

Williamsburg, VA

Aug 2015---Dec 2017

- Arranged weekly practices and represented the ensemble to coordinate with university registrar to set up a formal course
- Organized dozens of workshops on playing traditional Russian instruments throughout campus
- Led more than twenty performances in Virginia and shared Russian music cultures with residents in Williamsburg area

Canyu Huang

Columbia University, New York, NY 10025 | 4703349748 | ch3479@columbia.edu

EDUCATION

Columbia University	New York City, USA
Master of Economics	Aug. 2019- present
Emory University	Georgia, USA
Economics joint Math GPA: 3.95	Aug. 2017- Jun. 2019
Mount Holyoke College	Massachusetts, USA
GPA: 3.785	Sept. 2016-May 2017

PUBLICATION

“US Stock Market Efficiency: EMH or AMH?”	January 2019
<ul style="list-style-type: none">Invited to present the paper at the Fourth International Academic Conference on Financial Innovation and Economic Development, and got accepted and included by CPCI-SSH and CNKI;Published on Advances in Social Science, Education and Humanities Research (ISSN 2352-5398).	

ACADEMIC EXPERIENCE

Adaptive Market Hypothesis	Aug. – Dec. 2018
<ul style="list-style-type: none">Set up the model, analyzed the data, did literature review and deduced a conclusion;Made financial forecasting and proved stock market not to follow random walk, not even in a weak form efficiency.	
Directed Study about Game Theory with academic advisor	Aug. – Dec. 2018
<ul style="list-style-type: none">Found out the errors of formula derivation in papers;Derived the best response;Planned to work out the price competition strategies.	

INTERNSHIP EXPERIENCE

Shenwan Hongyuan Securities (http://www.swhysc.com/index.jsp)	Beijing, China
Department of Estate Finance	May 2018-Aug. 2018
<ul style="list-style-type: none">Acquired professional knowledge in Finance, Accounting and Marketing;Collected and sorted out clients' annual reports;Participated in clients' analysis report (Agile, Times China);Joined in the credit rating meetings (Power Construction Corporation of China) and project discussion meeting;Familiarized the businesses in investment finance and prospects of estate in China.	

ACTIVITIES/LEADERSHIP

Member of Mulan Dance Club at Emory	Sept. 2017-2019
<ul style="list-style-type: none">Participated in the annual showcase and coordinated the members for performance.	

ADDITIONAL INFORMATION

- Computer Skills: C++, Java, R, STATA
- Hobbies and interest: Dance, Writing, Public Speaking, Piano.

VATSAL JHAWAR

Email: vi2239@columbia.edu | +91 8100933934

EDUCATION

Duration	Degree/Examination	University	GPA
Expected 12/2020	MA Economics	Columbia University, NY	3.59
2015-2019	BA Economics	Denison University, OH	3.68 (cum laude)
2018	GRE	N/A	Quantitative Ability:170 Verbal Ability:155

HONORS AND AWARDS:

- **Denison Founders Scholarship:** For significant contribution to University Academics & Community
- **Park National Bank Endowed Scholarship in Economics:** For excellence in the field of economics
- **Mortar Board:** Conferred on the top 30% of the graduating class
- **President, Omicron Delta Kappa:** National Leadership Honor Society

UNDERGRADUATE THESIS

"Structural Transformation in India: Opportunities, Challenges and Alternative Closures"

Constructed a computable general equilibrium (CGE) model of India using a Social Accounting Matrix (SAM) to simulate the effects of alternative policy shocks on its structural transformation.

Simulated policy shocks:

- *Currency Depreciation by 10%* resulted in a fall in trade deficit of 28.8%, increase in employment by 0.19%, increase in disposable income for all rural and urban households with a slight inflationary pressure of 2.5%
- *Government Spending Increase in Industrial Sector by 10%* resulted in increase in imports of ~0.35%, a minimal increase in employment of less than 0.1% with an increase in government deficit by 3% and trade deficit of 1.26%
- *Investment increase by 10% in Services:* this shock had a deflationary impact on the economy as inflation decreased by 0.98%, increase in employment by 3%, increase in trade deficit by 4.45% & government deficit increased by 3.9%

Technical Skills: High Proficiency in Mathematics, Stata, Microsoft Office, NetLogo. Statistical Analysis, Python

PROFESSIONAL EXPERIENCE

Economics Department, Columbia University

New York City, USA

Teaching Assistant

August 2020

- Recently appointed; Weekly recitation & office hours for International Money & Finance class at Barnard College

Economics Department, Denison University

Granville, USA

Teaching Assistant

2017-2019

- Held weekly office hours to clarify and teach concepts of Introductory Macroeconomics to over 50 students

Denison Library

Granville, USA

Reference Assistant

2016-2019

- Collaborated with librarians on data analysis & research projects; Supported students with their research projects

Onefinestay

London, UK

Operations (Field Services) Intern

January – April 2018

- Optimized daily schedules of the field to improve efficiency & home turnover rate
- Liaised with clients to minimize downtime & maximize bookings resulting in an increase in bookings
- Interacted with various agency liaisons to ensure smooth work schedule and approved staff timesheets

Mohan Merchandise Private Limited

Kolkata, India

Intern (Mohan Annings Division)

May – August 2017

- Analyzed the cost structure and implemented changes that led to a decrease of 11% cost
- Researched technological advancements to improve quality of products and expand product line
- Collaborated with sales team on presentations for potential clients leading to 7 conversions

CAMPUS AND LEADERSHIP INVOLVEMENT

Granville, USA

Leadership Fellows – Denison University

2016-2019

- Implemented Design Thinking to revamp “Signature”, a leadership program for students to enable participants in understanding identity with the goal of working across social barriers. The program saw unprecedented participation, highest in its history and ~20% increase from last year
- Spearheaded “O.N.E”, a one-day leadership conference focusing on three themes: Organizing, Networking, and Empowering to help students explore the themes to effect positive change in their own communities

Armend Lajka

917-832-4434 • 14 Thollen St., Staten Island, NY 10306 • armend.lajka@columbia.edu

EDUCATION

Columbia University, New York NY

Master of Arts in Economics

Expected Dec. 2020

- Academics Committee Chair, MA Economics Student Association

Wagner College, Staten Island, NY

Bachelor of Arts in Behavioral Economics and International Affairs

May 2018

- President, Omicron Delta Epsilon; Member, Omicron Delta Kappa; Member, Kappa Mu Epsilon
- Dean's List, each and every semester from Fall 2014 to Spring 2018
- Awards: Goehl Scholarship, Fall 2017 and Fall 2018; Douglas Gee Morton Award in Economics, Spring 2017; Phyllis Andors Award, Spring 2017; Behavioral Economics Award, Spring 2018; Economics Department Award, Spring 2018
- Cumulative GPA: 3.99

EXPERIENCE

Haver Analytics

New York, NY

Research Assistant – High Frequency Team

08/2018 – Present

- Update and add series to databases containing macroeconomic data and financial indicators (released daily or weekly) for developed and emerging market economies all over the world
- Use Python and Excel Macros to standardize update processes and optimize operational efficiency
- Perform quality assurance of databases by analyzing how outliers skew the data and how policy changes or events affect a country's data

United Nations Children's Fund

New York, NY

Programme Planning Consultant – Technology Specialist

12/2017 – 5/2018

- Developed Excel based decision support system to help country offices understand risks and better allocate UNICEF resources
- Conducted research on wellbeing indicators and econometric methods to develop indices
- Used Stata to conduct econometric analysis with country office data to produce a risk model considering the factors that influence a child's wellbeing
- Contributed to paper that affected how UNICEF provides guidance to country offices, leading to new standards
- Prepared PowerPoint presentations, including graphs and charts, that summarized research, methodology, and data trends

Wagner College Psychology Department

Staten Island, NY

Psychological Statistics Laboratory Teaching Assistant

12/2016 – 5/2017

- Assisted students with statistics software, including SPSS and Excel, and data analysis techniques to complete statistics lab exercises that included manipulating datasets to produce statistics, tables, graphs, and charts
- Tutored students on statistics concepts to help them better understand their coursework and the lab exercises

Carey Institute for Government Reform

Staten Island, NY

Research Assistant

9/2016 – 5/2017

- Utilized multiple databases to research gerrymandering and its implications on electoral representation
- Interpreted mathematical models used to analyze the extent of gerrymandering in congressional districts

March of Dimes

New York, NY

Wonder Walks Marketing Intern

9/2015 – 12/2015

- Used Excel to record and analyze financial data regarding the donations made to the organization
- Determined the return on investment from the marketing strategies used by the organization on donations

SKILLS

- Proficient in Python, Microsoft Office Suite, Stata, IBM SPSS, DOS, and Qualtrics
- Languages: Some proficiency in Albanian and French

QIANYI (CHLOE) LI

125 West 109th Street, Apt 4H, New York, NY 10025

ql2384@columbia.edu / chloelee161216@outlook.com (917)423-9579

Educational Experience

Columbia University in the city of New York, USA

09/2019---

Master of Arts in Economics

Renmin University of China, China

09/2015---06/2019

Bachelor of Economics in Management of National Economy

GPA: 3.75/4.0

Double degree (sino-french), winner of National Scholarship in 2017, Honorary Graduate

Université Paul-Valéry Montpellier III, France

09/2017---05/2018

Bachelor of Arts in Economic and Social Management

Internship Experience

Investment Banking Summer Intern, **China securities Co.,Ltd**, Beijing, China

07/2019---08/2018

- Participated in due diligence investigations for three listed companies
- Sorted and compiled working papers, collaborated with auditors and attorneys in collecting data
- Drafted an introductory PowerPoint on the new rules of listing system of the Sci-Tech innovation board (STAR Market)

Loan Guarantee Department Intern, **Jiangsu Hanrui Investment Ltd**, Jiangsu, China

06/2018---07/2018

- Categorized archives and participated in credit investigations for a listed company
- Assisted in completing a comprehensive credit research report

Assistant of Reception Manager, **Essence Securities Ltd**, Jiangsu, China

07/2016---08/2016

- Guided clients, helped clients open securities accounts, updated clients' information

Assistant of Reception Manager, **Agricultural Bank of China**, Jiangsu, China

01/2016---02/2016

- Got in touch with customers in the bank lobby to understand and meet their needs. Introduced financial products.
- Assisted the lobby manager in marketing 180,000 insurances, activated 42 debit cards and 35 online banking.

Campus Activities

Proprietor and art editor in Chez Nous University Magazine

2015---2017

Responsibilities: Sponsoring, organized competitions, edited magazines.

Interpreter, proof-reader and team leader in EF Online Subtitle Group

2015---2016

Responsibilities: Translated movies, TV shows, and managed daily affairs in the group.

7th place in Competition of start-ups of the University of Dayton of college students

10/2016

Skills & Honors

Technical: Microsoft Office; R; Stata

CFA level I candidate

Language: Fluent in English (IELTS 8.0) and French (DALF C1, lifelong certificate)

GMAT 760, GRE 334

Yanlin Li

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Apt 12, 188 Claremont Ave, New York, NY 10027

EDUCATION

Boston College, Morrissey College of Arts and Sciences; Chestnut Hill, MA, USA

Aug. 2018 - May 2019

Bachelor of Arts in Mathematics and Economics

GPA 3.62/4.00, Dean's List First Honors

London School of Economics and Political Sciences; London, UK

Sep. 2017- Jun. 2018

General Course- Economics and Mathematics

Columbia University; New York, NY, USA

Aug. 2019 till now

Master in Economics

WORK & LEADERSHIP EXPERIENCE

Pengyang Asset Management Co., Ltd.; Beijing, China

Stock Analyst

Jun. 2019- Aug. 2019

- Analyzed a Chinese public company called Thinkingdom Media Group Ltd to evaluate whether it is worth investing;
- Examined the company's annual reports, announcements, and other public documents to obtain knowledge of the company's operation situation;
- Utilized Wind, a search engine that focuses on the Chinese economy and financial markets, to browse through relevant data about the market of book companies and publication media in order to gain deeper understanding of Thinkingdom's performance;
- Predicted the future business performance of Thinkingdom.

Bank of China New York branch; Manhattan, NY

Intern of the Corporate Banking Team in the Banking Department

May- Aug. 2017

- Evaluated risk and opened new accounts for companies by using Dow Jones Risk Compliance and Bridger Insight to ensure company safety and to promote growth;
- Maintained and managed business accounts by the system of the Bank of China;
- Operated KYC Refresh and helped set up e-files of the customers to manage risks and ensure the bank's safety.

Boston College Club Table Tennis; Chestnut Hill, MA

Treasurer in E-board

Aug. 2016 – June 2017; Aug. 2018 – May 2019

- Requested and managed budgets by using the OrgSync system to promote the club's development;
- Purchased new equipment and gears to provide a better playing environment for the club members;
- Hosted two Boston College Table Tennis Tournaments in Fall 2016 and Spring 2017 to attract more people into playing the sport;
- Planned weekly practices and coached members to improve the skills of the members;
- Attended 2016 Fall Tournament in New England Upper Division and entered into Regional games.

Student Athlete in Competitive Women's Team (Top player)

Aug. 2018 – May 2019

- Contributed to transforming our club from a student organization to a club sport team;
- Represented BC in 2018 Fall Tournament- New England Upper Division and won 2nd place.

SKILLS

Software: Wind; PowerPoint, Word, Excel; Stata; Bridger Insight; Dow Jones Risk Compliance

Language: Native in Chinese; advanced in English; beginner in German

Elizabeth Lin

elizabeth.lin@me.com ♦ (630) 415-8816

BAR ADMISSION

New York State, Tennessee State

EDUCATION

COLUMBIA UNIVERSITY, New York, NY

Master of Arts in Economics, December 2020 (Expected Graduation Date)

Honors: Academic Scholarship

Activities: Columbia University Ballet Ensemble

BENJAMIN N. CARDOZO SCHOOL OF LAW, New York, NY

Juris Doctor, with a concentration in Intellectual Property Law, May 2016

GPA: 3.445

Honors: *Cardozo Journal of Law and Gender*, Associate Editor (2015-2016)

BELMONT UNIVERSITY, Nashville, TN

Bachelor of Business Administration in Music Business, Minor in Dance, *magna cum laude*, December 2012

GPA: 3.76

Honors: Dean's List; Educational Testing Service – Scored 94th percentile on Major Field Test in Business exam; Academic Scholarship

Activities: Belmont Dance Company; Bruin Recruiters

Study Abroad: Ireland (Summer 2011); Balkan Islands (Summer 2012)

RESEARCH

COLUMBIA UNIVERSITY, New York, NY

Research Assistant, September 2018 – May 2019

- Assisted an Economics PhD student with research on the effect of non-compete clauses on worker mobility, productivity, and wages.
- Conducted literature review.
- Developed factors to indicate whether a state is more or less likely to enforce non-compete clauses, such as whether a state statute exists governing the issue, how an employer's protectable interest is defined, who has the burden of proof, whether continued employment is sufficient consideration, and whether courts are allowed to modify overly broad non-compete clauses so that they are enforceable.
- Conducted legal research on different states' non-compete laws to create an index for each state, such as whether the employer or employee has the burden of proof, the standards courts use to determine whether a non-compete clause is enforceable, and dates of significant changes in the law.

PUBLICATIONS

Ain't Life Grand, THE DRAMATIST, Nov.-Dec. 2014, at 76.

Note, *Adult Entertainment Film Contracts: To Enforce or Not To Enforce?*, 22 CARDOZO J.L. & GENDER 367.

PROFESSIONAL EXPERIENCE

KELLNER HERLIHY GETTY & FRIEDMAN, LLP, New York, NY

Associate, August 2017 – April 2018

- Regularly appeared in court and advocated on behalf of clients in front of judges.
- Negotiated and drafted settlement agreements.
- Corresponded with and provided legal advice to clients.
- Drafted litigation documents, including motion practice and subpoenas.
- Conducted legal research on various issues in support of litigation team.

THE SERBAGI LAW FIRM, P.C., New York, NY

Associate, November 2016 – August 2017

- Conducted legal research on trademark and various issues in support of litigation team, including a court's authority to modify a trademark registration and the consumer survey requirement for a court to find a trademark to be generic.
- Conducted trademark knockout searches.
- Drafted litigation documents, including motion practice, subpoenas, and pre-argument statements.
- Prepared Continued Legal Education (CLE) PowerPoint presentation on Ethical and Legal Implications Associated with IP/Trademark Investigations.

LEGAL SERVICES NYC, New York, NY

Law Graduate Volunteer, September 2016 – November 2016

- Conducted client intake interviews and provided advice to clients on action for managing student loan debt.

MISKIN & TSUI-YIP, LLP, New York, NY

Legal Intern, January 2016 – April 2016

- Conducted legal research and drafted memoranda on intellectual property issues in support of litigation team, including language for copyright assignments and production of computer software source codes in a copyright infringement litigation.
- Conducted trademark knockout searches.

COACH, New York, NY

Legal Intern, September 2015 – November 2015

- Worked on intellectual property and anti-counterfeiting issues.
- Conducted trademark name clearances through SAEGIS and common law searches.
- Conducted legal research on intellectual property issues, including copyright protection of movie quotes.
- Prepared cease and desist letters under the Digital Millennium Copyright Act.

THE WEBMAN GROUP, New York, NY

Legal Intern, June 2015 – August 2015

- Researched industry standards and drafted intellectual property and entertainment contracts with terms more favorable toward each client, including sub-publishing and synchronization agreements.
- Analyzed various legendary artist recording agreements and prepared requested contract analysis forms.
- Reviewed legal and financial documents to evaluate and prepare a legendary artist's IP assets for potential sale.

FARBER LAW, LLC, New York, NY

Legal Intern, January 2015 – May 2015

- Drafted and reviewed intellectual property and corporate contracts, including up-front money, copyright assignment, and music licensing agreements.
- Conducted legal research on intellectual property issues, including copyright assignments, fair use, joint authors' rights, and trademark infringement claims.

THE DRAMATISTS GUILD OF AMERICA, New York, NY

Business Affairs Associate Intern, May 2014 – August 2014

- Drafted and reviewed contracts, including an underlying rights agreement.
- Conducted legal research and drafted memoranda on intellectual property and entertainment law-related issues.

SKILLS: Microsoft Office (Word/Excel/PowerPoint/Outlook); Google Docs
LANGUAGES: Mandarin Chinese
INTERESTS: Ballet; Musical Theater

YUHAN LIU

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yl4364@columbia.edu | (917) 495-6619

EDUCATION

Columbia University, Graduate School of Art and Science	New York, NY
<i>Master of Arts in Economics</i>	Dec.2020
<i>Academic:</i> Coursework: Advanced Microeconomic & Macroeconomic Analysis, Economic Policy Analysis, Advanced Econometrics, Financial Economics, International Economics.	
Central University of Finance and Economics, China Economics and Management Academy	Beijing, CN
<i>Bachelor of Economics (Mathematical Economics and Mathematical Finance)</i> GPA:3.6	Jul.2019
<i>Academic:</i> Coursework: Stochastic process, Linear algebra, Real Analysis, Intermediate Econometrics, Economic Growth, Advanced Microeconomics & Macroeconomics, Financial Economics, Accounting.	

EXPERIENCE

Bank of China (International)	Beijing, CN
<i>Research Intern</i>	Nov.2018-Feb.2019
<ul style="list-style-type: none">Used data from CEIC and Wind such as GDP sub-items, indicators of capacity usage, core inflation and unemployment rate to predict about economic development based on fundamental analysis for Japan, UK, India, Canada and Australia.Analyzed the causes of decline in Chinese car sales: decline in resident disposable income, substitution of imported cars, etc. Made a correlation analysis of residents' disposable income growth rate and car sales growth rate.	
Lianxun Securities	Beijing, CN
<i>Macro research Intern</i>	Jul.2018-Oct.2018
Research about Long-term (3 years) price level of Beijing (Projects of National Development and Reform Commission):	
<ul style="list-style-type: none">Gas price: Constructed a multiple regression model to explore the effect of the price of the gas on CPI.Exchange rate: Made prediction of exchange rate of RMB by analyzing important indexes such as US dollar index, offshore RMB deposit size, CHN interbank offered rate in offshore market, trade account status and interest rate swap.	
Research about the South Korean economics development:	
<ul style="list-style-type: none">Combed history of the economic development of South Korea and analyzed the causes of some Korean economic characteristics like the expansion of the chaebol, the high debt and low profit of enterprises and the long-term inflation, which together led to 1997 financial crisis in South Korea.Explored the Neoliberalism revolution of South Korea under the supervision of IMF and proposed the potential problems such as over-expanding chaebol, inequality, and low welfare levels.	

RESEARCH EXPERIENCE

Retirement Age Differences and Gender Inequality	Beijing, CN
<i>Research Assistant for Associate Professor Jing Liu (Central University of Finance and Economics)</i>	May.2018-Nov.2018
<ul style="list-style-type: none">Reviewed Literature (over 200 papers) including the gender-wage differences in the labor market, ceiling effect in job market, gender differences in career promotion and retirement policy of China. Completed a summary of more than 30,000 words. Conducted an independent empirical research to examine the gender wage gap in China.	
Infrastructure and Economic Growth	Beijing, CN
<i>Independent course research</i>	Mar.2018-June.2018
<ul style="list-style-type: none">Added an infrastructure department in the framework of endogenous model to analyze the influence of it on economic growth and used panel data from 2001 to 2014 to make an empirical analysis based on the model.	

SKILLS& INTERESTS

Language: Chinese Mandarin, English
Technical: Stata, Python, MS Office, Matlab, Latex
Interests: Tennis, cooking, running, movies, travel

LUIZA GUIMARÃES NOBRE

Tel: (929) 318-8186

Email: lgn2106@columbia.edu

EDUCATION

Columbia University, Masters of Economics Candidate (New York, NY) **December 2020 (expected)**

- Coursework includes: Microeconomics, Macroeconomics, Econometrics, Statistics, Calculus, Linear Algebra, Dynamic Programming, and Multivariable Optimization.

Pontifical Catholic University of Rio de Janeiro, Bachelor of Science in Economics (Rio, Brazil) **2011-2016**

- Specialized in Finance.

London School of Economics and Political Science, Summer School (London, UK) **2015**

- Specialization in Analysis and Management of Financial Risk.

WORK EXPERIENCE

Brazilian Institute of Economics (IBRE/FGV), Research Assistant (Rio de Janeiro, Brazil) **2018 - 2019**

A think tank in Brazil specialized in the area of economics. IBRE develops social studies, research, and analysis and indicators in order to circulate high quality macroeconomic statistics and applied economic research.

- Collected data, organized databases, wrote code and ran regressions for various independent research projects (including reports on Education, Labor Productivity and Economic Growth such as World Bank Project “Support for Economic Growth with Reduction of Inequalities and Environmental Sustainability of Ceará – Results Program”, studies on the impact of Uber and other peer-to-peer apps in the Brazilian labor market, as well as reports on the fiscal deficit of the state of Rio de Janeiro with a strong focus on the social security system)
- Designed, created, and managed the updates for short and long-term projections of labor market indicators (such as unemployment rate, income, total wage bill, etc.) using econometric models; produced monthly reports to be shared during team meetings and seminar presentations. Received positive feedback from leadership and teammates regarding the quality of the analysis and reports.
- Co-wrote article “The Losses Generated by Early Retirements in Brazil” accepted for publication in IPEA’s journal Pesquisa e Planejamento in 2020.
- Provided findings and economic models to Economic Activity and Macro research teams as inputs to their analysis and reports. Helped coordinate information requests and facilitate report sharing.
- Created reports and disclosed projections that were used by the media (Bloomberg, Broadcast, Jornal Valor, etc.), and reported in the monthly editions of our magazine Conjuntura Econômica (Economic Conjecture).

LN Family Office, Promoted from Intern through to Assistant Manager (Rio, Brazil) **2016 – 2017**

- Prepared investment portfolio documentation to track and manage clients in support of senior management.
- Analyzed national macroeconomic indicators and data in order to assist in the writing and review of monthly reports.
- Leveraged Microsoft Excel to create a robust spreadsheet system for the company and to automate daily tasks for the team in VBA.

OTHER ACTIVITIES & INTERESTS

Programming Languages: Matlab, R, VBA, STATA, E Views, LaTeX, (Currently learning Python)

Bilingual International Baccalaureate Certificate (English and Portuguese)

Languages: Fluent in Portuguese and English (written and spoken), French (beginner)

Interests: Marathons, Animal Adoption, Reading (Fiction, Crime, and Business), Skiing

XINYUE (CELINA) RAN

U.S. Permanent Resident | (347)404-1642 | xr2135@columbia.edu | 523 West 112th Street, #83A, NY 10025

EDUCATION

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK <i>Master of Economics</i> GPA: 3.7/4.0 GRE: 331	NEW YORK, NY <i>Sept 2018 - Jan 2020</i>
CENTRAL UNIVERSITY OF FINANCE AND ECONOMICS <i>Bachelor of Economics</i> GPA: 3.8/4.0 Rank: Top 4 in the class	BEIJING, CHINA <i>Sept 2014 - Jun 2018</i>
UNIVERSITY OF CALIFORNIA, BERKELEY <i>Exchange Student, Major in Finance and Statistics</i> GPA: 4.0/4.0	BERKELEY, CA <i>Jan 2017 - May 2017</i>

WORK EXPERIENCE

ALPHA CAPITAL HOLDINGS <i>Summer Analyst, Investment Banking</i> <ul style="list-style-type: none">Worked as a summer analyst in one boutique investment banking firm to assist in the execution of middle-market dealsConducted financial DD and trading comps analysis for a health care start-up to seek USD 5 MM equity financingImplemented in-depth market research on the drone industry and completed an industry mapping on leading playersConsolidated notes and caveats for constructing DCF, M&A and LBO models in the interests of subsequent interns	NEW YORK, NY <i>Jun 2019 - Sept 2019</i>
CHINA-AFRICA FUND FOR INDUSTRIAL COOPERATION <i>Analyst Intern, Investment Group</i> <ul style="list-style-type: none">Assisted section manager in conducting DD for USD 228 MM investment in 5 Congo cobalt-mining projectsProjected revenue and EBITDA in spreadsheets with sensitivity check under different market scenariosForecasted Congo economy and conducted industry trend analysis for Zinc, Lead, and CobaltReviewed financial statements for 3 leading Chinese mining companies to identify their key risk factors	BEIJING, CHINA <i>Feb 2018 - Jul 2018</i>
GENERALI CHINA ASSET MANAGEMENT <i>Summer Intern, Trading Center and Asset Management Research</i> <ul style="list-style-type: none">Performed as a summer analyst to assist in the execution of investment productsInvolved in implementing the innovative investment product featuring in investing in pre-IPO stocksAssisted individuals and corporations with their financial plans, offering objective and strategic investment proposalsHelped clients to determine their optimal strategic asset allocation among equity, bonds, and funds	BEIJING, CHINA <i>Jun 2017 - Aug 2017</i>
CHINA INVESTMENT SECURITIES <i>Summer Intern, Stock Pledge Group</i> <ul style="list-style-type: none">Acted as a summer analyst to facilitate the team with the completion of various transactionsSupported in analyzing the resilience of the target company's stock price as well as the use of the loanCompleted research reports for the new margin-trading product, analyzing the current client base and competitorsAssisted in launching the large shareholders' shares reduction project, which features in its OTC option structure	SHENZHEN, CHINA <i>Jul 2016 - Aug 2016</i>

LEADERSHIP & ACTIVITIES

MASTER OF ECONOMICS STUDENT ASSOCIATION, COLUMBIA UNIVERSITY <i>Co-Chair, Professional Career</i> <ul style="list-style-type: none">Initiated in 2017, MESA serves to provide integrated resources to its classmates and make our collective voice heardElected as the Co-Chair of MESA to coordinate activities for students' professional developmentLaunched 3 workshops for first-year cohorts on key topics such as career planning, preparation, and available resourcesOrganized 2 panel discussions and 3 alumni events in order to help students build external and internal connections	NEW YORK, NY <i>Nov 2018 - Present</i>
PHILANTHROPY IN MOTION <i>Volunteer Intern, Outreach Group</i> <ul style="list-style-type: none">PIM empowers millennials with funding, training, and networks to amplify their social impact collaborativelyActed as a PR intern and created event posters, videos, and press releases to attract participants and sponsorsCompiled China-based NGO handbook for event attendee to evaluate and discuss in order to make collective donations	BEIJING, CHINA <i>Sept 2016 - Jan 2017</i>

SKILLS & INTERESTS

- Honors & Awards:** Best debater in "Today's Economy Talk Show" competition (Top 1 in University), the national level project award in the Innovation & Entrepreneurship Program for Undergraduates (Top 2 in University)
- Technical:** Microsoft Office Suite, R, Python, STATA, Bloomberg, FactSet, Capital IQ, MatLab, VBA, EViews, SAS
- Languages:** Fluent in English and Mandarin
- Interest:** Jogging, cycling, badminton, Texas Hold'em

Tao Tao

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EDUCATION

Columbia University | Graduate School of Arts and Sciences

New York, NY

Master of Arts degree in Economics

Expected Dec 2020

Core Coursework: Microeconomics & Macroeconomics Analysis I; Econometrics; Math Methods for Economists

Zhejiang University | School of Economics

Hangzhou, China

Bachelor in Economics Science, Finance, GPA: 3.9/4.0

Jun 2019

Core Coursework: Intermediate Microeconomics & Macroeconomics; Econometrics; Corporate Finance; Accounting; Financial Engineering; Financial Modelling; Securities Investment; Research on Financial Problems of China

Awards: Outstanding Graduates; Excellent Student Awards; Second-Class Scholarship for Outstanding Merits

University of California, Berkeley

Berkeley, CA

Summer Program, GPA: 4.0/4.0

Jul-Aug 2017

Coursework: Introduction to International Business; Culture, Communication and Media

PROFESSIONAL EXPERIENCE

Guangfa Securities Co., Ltd

Hangzhou, China

IBD intern

Mar-Jun 2019

- Initiated financial part of IPO prospectus of Hangzhou One Chance Co., Ltd., by investigating financial status, ownership structure and conducting customer interviews.
- Accelerated a convertible bonds project of listed manufacturing companies, handling enquiries, confirmation letters and product contracts for due diligence, supported by the project VP.
- Assisted in 2 continuous supervision projects of listed companies for year 2018.

Hangzhou Hupan Capital Management Co., Ltd

Hangzhou, China

Intern, Fund Management Division

Jan-Feb 2019

- Independently created a competitive analysis report on a VC corporation.
- Compiled and processed statistics for regular publications including annual reports.
- Produced research reports of 5 underlying investments, focusing on potential VC projects related to broad entertainment, online education and AI.

HSBC Bank China

Ningbo, China

Trainee, Global Banking and Markets

Aug 2016

- Led a team of 4 members to complete a report on Bank of China compared with other major international remittance business and a marketing proposal for HSBC.
- Grasped a better command of the international financial market, insurance industry, financial accounting and other business theory with business training from managers.

Student Research Training Program of Zhejiang University

Hangzhou, China

Group leader

2018-2019

- Established empirical models to regress the impact on corporate value by environmental investment.
- Examined the potential difference of influence between pollution-intensive enterprises and pollution-mild ones.
- Developed a conclusion that there exists a negative relationship for Environmental investment intensity and corporate price.

LEADERSHIP & ACTIVITIES

Student Employment & Career Development Association of Zhejiang University

Hangzhou, China

Vice President

2017-2019

- Responsible for the whole autumn recruitment, including public relations and training.
- Issued posts about employment-related information on a weekly basis by Wechat official account (10k+ followers)
- Negotiated cooperation with other student organizations and organized internal meetings with members.

Student Council of Zhejiang University

Hangzhou, China

Core Member

2016-2017

- Responsible for maintaining a daily operation of student council online platform, speaking for students.
- Participated in three school-level investigation projects, related to Ministry of IT technology and dining services.

SKILLS

Software: Microsoft Office Suite, Stata, R, Eviews, Python, Photoshop

Language: Mandarin (native), Japanese (elementary)

Professional: CFA (Level II Candidate)

Alberto Torres

+1-646-377-2854 • albertojtorresp@gmail.com • linkedin.com/in/albertojtorresp

Education

Columbia University, New York

Dec 2020

Master of Arts in Economics (*expected*)

- Coursework: Macroeconomics, Econometrics, Financial Economics.

Instituto Tecnológico de Santo Domingo, Dominican Republic

Apr 2019

Specialization in Applied Mathematics.

- Coursework: Functional Analysis, Numerical Analysis, Stochastic Calculus.

Pontificia Universidad Católica Madre y Maestra, Dominican Republic

Jul 2016

Bachelor of Arts in Economics. *Summa Cum Laude. Ranked 1st in class.*

- Coursework: Macroeconomics, Monetary Theory, Public Economics.

Work experience

Columbia University, New York

Jan 2020 – May 2020

Teaching Assistant

School of International and Public Affairs

- Teaching Assistant of professors Guillermo Calvo and Luis Felipe Céspedes in the graduate course Macroeconomics Laboratory.

Central Bank of the Dominican Republic

Aug 2015 – Aug 2019

Economist I

Division of Monetary Programming

Sep 2017 – Aug 2019

- Participated in the design of the new law of capitalization of the Central Bank, improved the forecast error of the daily currency demand by 35%, presented the state of monetary conditions at meetings of the Open Market Operations Committee, contributed with the financial programming of the Central Bank.

Division of Fiscal Studies

Aug 2015 – Sep 2017

- Participated in the regional project of modernization of public finance statistics where the Dominican Republic was the first country in Central America and the Caribbean to publish statistics under the new methodology, contributed with fiscal policy analysis for the monetary authorities, conducted research on fiscal topics.

Analytica, Dominican Republic

Aug 2014 – Jul 2015

Junior Analyst

- Led the project of econometric modeling of macroeconomic variables, published multiple articles in the media, conducted research on macroeconomic topics.

Additional coursework

- Monetary policy. CECAB, International Monetary Fund (IMF), Brazil. Apr 2019
- Evolving monetary policy frameworks: prospects and challenges. IMF, Guatemala. Oct 2018
- Fiscal policy analysis. CECAB, IMF, Brazil. Apr 2017
- Government finance statistics manual 2014. CECAB, IMF, Brazil. Nov 2016
- The use of DSGE models in the policy-making process. IMF, Dominican Republic. Feb 2016

Selected publications

- Torres, A. (2018). Daily currency demand in the Dominican Republic. *Oeconomia*, XII(4). Central Bank of the Dominican Republic.
- Corcino, D. & Torres, A. (2018). Socioeconomic costs of the inefficiencies of the Dominican electricity sector in the 21st century. *Newsletter of the economics committee*, Pontificia Universidad Católica Madre y Maestra.
- Torres, A. (2015). A look at the external sector of the Dominican Republic. *Newsletter of the economics committee*, Pontificia Universidad Católica Madre y Maestra.
- Torres, A. (2015). Inflation: commodity prices and monetary policy volatility. *Analytica*.

Skills

Languages: Spanish (native), English (proficient), French (basic).

Software: MATLAB, Tableau, Eviews, Stata, SAS, Python, LaTeX, Microsoft Office.

Kris Walsh

kmw2221@columbia.edu
1 (914) 980-7628

217 Front Street 4E
New York, NY 10038

Columbia University

M.A. Economics

Expected Dec 2020

- Relevant coursework: Macroeconomics, Econometrics, Financial Economics

Georgetown University School of Foreign Service

B.S. Foreign Service (3.6/4.0)

May 2008

- Senior Thesis: Foreign Reserve Diversification and the Exchange Rate
- Coursework concentration: International Economics
- Other focus coursework: International Politics, Mathematics, Foreign Languages

BNP Paribas Corporate Investment Bank

Vice President, Emerging Markets Fixed Income Sales

2014 - 2019

- Marketed the firm's economic research and fixed income trade ideas
- Maintained senior client relationships with portfolio managers and traders
- Prioritized Latin America in analysis and communications
- Liaised directly with trading and research counterparts in Brazil and Argentina
- Acted as team product specialist for local currency interest rate derivatives
- Solicited market feedback from clients to share with relevant internal stakeholders
- Wrote insightful market commentary for internal team members and external clients
- Attended economic conferences and panel events, identified relevant takeaways
- Transacted high value trades with accuracy, speed and clarity
- Maintained database of team's trading activity, identified trends, reported findings
- Strongest direct coverage relationships: Blackrock, Trust Co. of the West, Lazard, Graham Capital, Discovery Capital

Commitment to Culture

- Co-chaired BNP Pride Diversity & Inclusion Employee Resource Group for 3 years
- Volunteered as mentor for new hires and junior team members
- Institutionalized client relationships for the benefit of the entire firm

Barclays Capital

2008 - 2014

Associate, Emerging Markets and Foreign Exchange Sales

- Acted as trusted back up for the team's most important institutional clients
- Transacted high volumes for the entire sales group in bonds and foreign exchange
- Developed global trading contacts in order to track trade ideas and market views

Lehman Brothers

2007

Summer Analyst, Interest Rate Derivatives

- Offered and accepted full time position after graduation

Yiren Wang

Phone: 917-520-3705 • Email: yw3440@columbia.edu

EDUCATION

Columbia University

New York, NY

Master of Arts in Economics

Expected in Dec.2020

- **Core Courses:** Microeconomics Analysis I&II, Macroeconomic Analysis I&II, Econometrics I&II, Math Methods for Economist, Real Analysis, Advanced Microeconomics, Advanced Macroeconomics, International Economics

University of British Columbia

Vancouver, Canada

Bachelor of Arts in Economics and Philosophy (First Class)

Sept. 2015-May. 2019

- **Honors:** University of British Columbia Faculty of Arts International Students Scholarship (2018)
- **Core Courses:** Intermediate Microeconomics II, Intermediate Macroeconomics I, Seminar in Applied Economic (Independent Research), Environmental Economics, International Trade, Multivariate Calculus, Linear Algebra, Probability

PROFESSIONAL EXPERIENCE

GF Securities Research Institute

Shanghai, China

Construction Group, Equity Research

July 2018-Sept. 2018

- Updated the daily data by Wind, including the company announcements, macro news, oil price, bond price
- Refreshed the weekly database by Excel, including the individual fund stocks, various stock price index, macro-index, performance of construction industry
- Assisted the formal employees in finding data by using Bloomberg and collected data through diagram
- Collected the meeting records, wrote the company research notes, including the company strategies, newly signed order, and financing projects
- Organized the company's financial statements, such as the gross profit rate, increase and decrease of the receivables and operational cash flow, analyze the reason for changing and summarized the cost rate and finished the research paper

China Merchants Securities Co., Ltd

Shanghai, China

Counter Intern

June 2017-August 2017

- Assisted the Counters and Investment Counselors in helping clients set up GEM (Growth Enterprise Market), applied the hkvolun (a HK stock analysis software), conducted securities margin trading, adjusted the brokerage
- Answered questions for clients, dealing with compliance audit, system verification
- Assisted the client manager in broadening markets, visiting the former clients and advertising financial products
- Organized files and data of clients in the Investment Securities System and filed them with excel

Logos Property

Shanghai, China

Investment Analysis Assistant

Feb. 2015-April 2015

- Assisted the Investment Department in filing documents and dealing with more than 200 investment data every day
- Sorted out customers' information, made the related charts, and contacted with VIP investment clients overseas
- Conducted deep researches targeted investment industry and translated economic review articles
- Conducted data management with excel, took part in report checking and collected the cash flow statement

OTHER RELEVANT SKILLS

- **Certificate:** CFA Level I Exam Passed June 2018
- **Programming:** STATA
- **Language:** Mandarin (Native), English (Fluent) and Japanese (Fluent)

Liam Lauchlan Wash

llw2127@columbia.edu: (978)-319-0070

Education and Qualifications

2019-2020	Columbia University New York City, United States	M.A. in Economics
2018-2019	University of Oxford Oxford, United Kingdom	M.Sc. in Economic and Social History
2014-2018	The George Washington University Washington, D.C. United States	BA in Economics, BA in International Affairs
2016-2017	The London School of Economics London, United Kingdom	The General Course (Study Abroad)

Internship Experience

August – May 2017	Office of the U.S. Trade Representative Office of African Affairs	Washington, D.C.
	<ul style="list-style-type: none">• Compiled data from WTO and WITS on U.S.-African trade to calculate balance of payments, FDI flows and development impact to assess current trade policy• Prepared officials for the AGOA Forum 2017, which included drafting speeches, coordinating with embassies and writing country-by-country trade profiles	
January – May 2016	U.S. Department of the Treasury Office of African Affairs	Washington, D.C.
	<ul style="list-style-type: none">• Worked as a research assistant on a number of policy projects included stress testing Nigerian banks' solvency following the collapse in oil prices to gathering data on ROE, ROR, commodity prices, bond spreads and capital levels.• Conducted research comparing IMF and Chinese loans to E. African economies and the impact of downgraded credit ratings on Zambian Eurobond spreads.• Created weekly publications which summarized recent macroeconomic and political conditions covering topics such as foreign exchange, interbank rates, inflation and commodity prices	

Research Assistantships:

- *Two Hundred Years of Financial Integration*: Prof. Graciela Kaminsky (GWU), Sept. – Dec. 2017
 - Examined public bond records between 1800-1930 issued in at Credit Lyonnais, Börse Berlin, NYSE and LSE. Calculated interest rate term structures of different bonds through compiling data on exchange rates, issue price, interest rates, sinking fund rate, and maturity.

Personal Research:

- 'Currency, Crisis and Credit: Examining the Effects of U.S. Monetary Policy on Emerging Market Financial Crises, 1980-2010' submitted August 2019 (Graduate Dissertation in Economic History)
 - This paper investigates the impact of changes in U.S. monetary policy on foreign asset price bubbles. We regress surprise movements in the federal funds rate on measures of equity and credit bubbles through event-study and Bayesian vector autoregression (BVAR) models across 20 emerging market countries for the period of 1980-2010. We find a heterogeneous panel of responses which cast doubt on whether countries uniformly respond to the global financial cycle as proposed by Rey (2013). Instead we propose that country characteristics, such as the exchange rate regime, financial development and the presence of neighboring bubbles, help explain these irregularities.
- 'Assessing the Connection between Liberalization and Diversification' published in *The Visible Hand* (Cornell University), Spring 2018 (Undergraduate Thesis in Economics)

Additional Information

Extracurricular	President of GW Omicron Delta Epsilon (ODE) Economics Honors Society, 2017-2018 LSE Student Delegation to Rabat, Morocco, visiting with EIB, USAID, AfDB, 2017 Volunteer at IMF Annual Meetings, 2014-2016 Member of St. Antony's College Boat Club, 2018-2019
Languages	French (business proficiency)
Technical	Proficient in Bloomberg, STATA and R and working proficiency in MATLAB

Xinchen Xie
Columbia University
Email: xx2336@columbia.edu

EDUCATION

Columbia University

Aug 2019-Expected Dec 2020

Master of Arts in Economics

University of Illinois at Urbana-Champaign

Aug 2015 – May 2019

Bachelor of Science in Finance (GPA 3.94 in a scale of 4.0), Minor in Mathematics

WORK EXPERIENCE

Construction Bank of China

Jun 2016 – Jul 2016

Assistant at the Department of Risk Management

- Sorted out the files of hundreds of customers' information and reported inaccurate information to the manager
- Helped the manager to evaluate the risk index of each borrower
- Aided the assistant manager to solve issues arising in customer support
- Recorded main problems customers encountered and addressed them

PUBLICATION

'lévy process-driven asymmetric heteroscedast option pricing model and empirical analysis',

Xinchen Xie, Yi Zheng, *Discrete Dynamics in Nature and Society*, 2017

'Garch Option Pricing Model Based on Conditionally Fat-Tailed Distributions' Gaoxu

Zhang, **Xinchen Xie**, Yi Zheng, to be submitted.

EXTRACURRICULAR ACTIVITIES

CLAID club, committee member

May 2017-May 2019

- Taught ten students to learn Chinese for an hour every Wednesday.
- Organized activities to propagate Chinese culture at all Chinese traditional festivals.

I-Program, UIUC Leadership Center, team leader

Feb 2015-Dec 2015

- Participate in the several I-programs including Ignite and Imprint to develop leadership skills through team building.
- Collaborate with 5 other students in the activities which reflect the topics of programs and find according solutions.
- Organized the ideas of other groups members and tried to formulate an effective strategy to best cope with the different scenarios.

Ascend Club, club member

Mar 2015-Mar 2016

- Attended a program which simulates certain ethics dilemmas that will occur in future career and learn how to respond.
- Organized activities with two or three group members related to the business field which we are interested in to make us more familiar with this field.
- Conducted research for clients in different countries and design a product suitable for them.

Orphan Caring Club, vice president

May 2014-May 2015

- Visited the children living in an orphanage to reintegrate them with the community.
- Provided financial support of 2000 RMB by selling our used books or handmade crafts.
- Provided parent-training for five adoptive families every month.
- Developed a foster care program to promote people's awareness of the orphans.

SKILLS

Stata (Intermediate), Python (Basic), Microsoft Excel (Advanced)

Wanlin Yang

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yangvicky@icloud.com +1(929) 384-3881

EDUCATION

Columbia University, Graduate School of Arts and Sciences

New York, USA

MA in Economics

Sep. 2019 – Present

- Relevant Coursework: Macroeconomic Analysis, Microeconomic Analysis, Mathematical Methods for Economists, Econometrics, Financial Economics

University of California San Diego, Rady School of Management

San Diego, USA

BS in Management Science, Minor in Business

Sep. 2016 – Jun. 2019

- GPA: 3.88/4.0
- Awarded Magna Cum Laude (top 5% of class) at graduation
- Recipient of UCSD Provost's Honor (top 10% of class) in all academic years
- Relevant Coursework: Macroeconomics, Microeconomics, Econometrics, Public Economics, Environmental Economics, Operations Research, Corporate Finance, Investment Banking

PROFESSIONAL EXPERIENCE

New China Asset Management Co., Ltd.

Beijing, China

Project Investment Department, Intern

Jul. 2018 – Aug. 2018

- Collected infrastructure investment data and drafted a research paper, now published in the company's monthly, on the feasibility of and problems with the insurance funds of China's infrastructural investments
- Constructed diagrammatic analysis on the total assets of Chinese financial institutions and the premium of top Chinese life insurance companies in 2017
- Collated financial accounting data in the semi-annual fiduciary management report of ongoing projects and credit rating report of financing entities

China Construction Bank Financial Asset Investment Co., Ltd.

Beijing, China

Research & Development Department, Intern

Nov. 2017 – Jan. 2018

- Researched on China's macroeconomic development in 2017 and analyzed annual data on macro factors in order to make predictions on China's economic growth in 2018, which mostly have been verified by the newly released data
- Researched and analyzed profit prospect and investment value of China's 6 major industries, providing a reference for company's future investment objective; most had been proven on domestic and foreign markets by late 2018
- Conducted a presentation about the debt-to-equity swap of ChinaCoal Pingshuo Group Co., Ltd.; efforts were well recognized internally by department leads

Haolunzhongtian Certified Public Accounting Firm

Beijing, China

Audit Intern

Aug. 2017 – Sep. 2017

- Participated in issuing semi-annual auditing report of Rosenberger (Shanghai) Communication Technology Co., Ltd.
- Compiled main financial statements and assisted senior auditors in the statements' analysis
- Examined related party transactions and collected supporting documents from related parties

LEADERSHIP & ACTIVITIES

UCSD Five Millennia Orchestra

San Diego, USA

Emcee and club coordinator

Nov. 2017 – Jun. 2019

- Hosted the annual Five Millennia Orchestra Chinese music concert in UCSD Price Center Theater twice
- Organized 30 performers and an audience of over 100 attendees
- Maintained partnership with San Diego Mesa Collage Chinese Culture Club

ADDITIONAL INFORMATION

Language Skills Mandarin (native), English (fluent, GRE score 329/340), Spanish and Thai (moderate)

Computer Skills Microsoft Word, Excel, PowerPoint, Matlab, STATA and R Programming

Yidi Yang

125 West 109th St., New York, NY 10025 | Email: cynthiayyd@gmail.com | Cell: 917-423-9578

Education

Columbia University in the City of New York	08/2019-12/2020(Expected)
Master of Arts in Economics	
Chinese University of Hong Kong(CUHK), Shenzhen	09/2015-05/2019
Bachelor of Business Administration in Economic Science	
Honors: First Class Major GPA: 3.854/4.000	
Courses: Advanced Macroeconomics (graduate level), Microeconomics, Econometrics, Linear Algebra, etc.	
Awards: Academic Performance Scholarship 2016-17(8.7%), Master's List 2016-19(10%), Dean's List 2016-19	
University of Wisconsin-Madison	01/2018-05/2018
Visiting International Student Program	
Cumulative GPA: 4.0/4.0 Courses: Labor Economics, Public Finance, Programming, etc.	
Award: Exchange & Visiting International Student Academic Excellence Award	

Experience

School of Management and Economics, CUHK, Shenzhen	01/2019-05/2019
<i>Undergraduate Student Teaching Fellow</i>	
<ul style="list-style-type: none">• Prepared and instructed tutorial sessions for Intermediate Macroeconomics focusing on concepts and models• Derived macroeconomic models and demonstrated the use of Stata in solving economic problems in eight tutorial sessions throughout the semester• Clearly explained macroeconomic concepts and questions to students during weekly office hours	
Agricultural Bank of China (Head Office), Beijing	07/2018-08/2018
<i>Summer Intern at Investment Banking Department</i>	
<ul style="list-style-type: none">• Analyzed merger & acquisition (M&A) service under market regulation in China and its strategic importance for Chinese commercial banks• Collaborated with colleagues to study cases of cross-border mergers and acquisitions and their implications• Researched HKEx Listing Rules and evaluated the feasibility of an acquisition project• Examined annual reports of a prospective client company and improved the M&A service to be provided	
School of Management and Economics, CUHK, Shenzhen	11/2017-02/2018
<i>Undergraduate Research Assistant</i>	
<ul style="list-style-type: none">• Participated in a research project about the delisting phenomenon in Chinese financial market• Reviewed and analyzed existing literature about reasons for delisting• Examined profiles for over 300 delisted companies in search of potential delisting causes• Searched thousands of delisting news and identified informative announcements from two news databases• Collected, organized, and processed hundreds of required raw data using Excel	

Activities

Admission Office of CUHK, Shenzhen	06/2016-06/2019
<i>Student Recruiter</i>	
<ul style="list-style-type: none">• Introduced the university's current situation and own experience in public to over 100 parents and students• Dealt with questions and concerns from parents and students in nine information sessions	

Skills

-
- **Technical Skills:** Advanced in Stata, Excel. Intermediate in EViews. Basic in Python, Premiere.
 - **Language Skills:** Native in Mandarin Chinese. Fluent in English.

Yunhao Zeng

Phone: 917-741-3824 Email: yz3740@columbia.edu

Education:

Columbia University, New York, U.S.A

09.2019 – Present

Master of Arts in Economics

University of Toronto, Ontario, Canada

09.2013 – 06.2017

Honours Bachelor of Science

- **Double Major:** Economics and Statistics
- **Awards:** Dean's List Scholar from 2015 - 2017 (4 Times), graduated with high distinction
- **Core Courses and Coursework:** Micro and Macro Economic Theory, Financial Economics, Multivariate Calculus, Probability, Regression model analysis, Time series analysis.

Work Experience:

TD Canada Trust - Toronto, Canada

02.2018 – 05.2019

Credit Assistant

- Review client's credit background such as income and repayment history to evaluate client's repayment ability
- Record and organize client's income documents, credit and personal information and input into TD's database
- Communicate and provide support services to the credit analyst in Credit Centre
- Provide support services to clients to make sure their application process is in good standing

Ping An Securities Limited - Shenzhen, China

07.2015 – 08.2015

Investment Assistant

- Researched, evaluated and reported around 100 major firms' stock performances on NYSE, NASDAQ and Shanghai Stock Exchange Markets in health, energy-saving, new material, car service and green industries realms
- Researched and compared the stock market and investment environment of China with the U.S by calculating the Price-Earnings Ratio using stock performance of firms
- Digitalized financial reports leading to increased efficiency of internal data management

Certification and Skills:

- SAS Certified Base Programmer (2017 March)
- SAS Certified Advanced Programmer (2017 July)
- Python for Everybody (5-course specialization), University of Michigan on Coursera (2018 Dec)
- Passed CFA Exam level 1 (2019 June)
- Strong quantitative and analytical skills including statistical model application and data analysis (time series model, linear regression, logistic regression)
- Advanced user of R, SAS, SQL, Python, STATA and Microsoft Office

YING ZHANG

New York, NY • 609-356-6796 • yz3669@columbia.edu • Immigration Status: Permanent Resident

EDUCATION

Columbia University

M.A. in Economics

New York, NY

Expected December 2020

William & Mary

Bachelor of Arts; Overall GPA: 3.79 / 4.00

Williamsburg, VA

May 2019

- Double major: Economics (GPA: 3.97), Art History (GPA: 3.72)
- Relevant courses: Financial Reporting and Analysis, Financial Economics, International Finance/Open Economy, Advanced Microeconomics, Econometrics, Principles of Accounting

Universitat Autònoma de Barcelona

Study Abroad Program

Barcelona, Spain

Fall 2016

RESEARCH EXPERIENCE

Modeling Profit Using Financial Ratios: A Bayesian Approach

Spring 2019

- Used Bayesian estimation techniques, including a by-industry hierarchical model
- Coded in Python

Effects of Competition in a Labor Market Reciprocity Game

Fall 2018

- Designed and conducted a 2-treatment reciprocity experiment
- Processed data using Excel and Stata, and analyzed participants' behavior

Provincial GDP and Various Sources of Income in Canada

Summer 2018

- Processed data from provincial accounts for 11 Canadian provinces spanning 9 years
- Set up a regression model and estimated parameters using Stata

The Ceramics of Eyre Hall

Summer 2017-Spring 2018

INTERNSHIP/VOLUNTEER EXPERIENCE

DeWitt Wallace Decorative Arts Museum of Colonial Williamsburg

Williamsburg, VA

Curatorial Intern

Fall 2017

- Researched 44 eighteenth-century ceramic factories
- Wrote biographical descriptions of factory owners and potters

Williamsburg Contemporary Art Center

Williamsburg, VA

Member

Spring 2017-Fall 2017

- Worked at the front desk, welcomed and informed clients, recorded sale transactions

PUBLIC SPEAKING EXPERIENCE

Hunter Museum of American Art, Student Symposium

Spring 2018

- Crafted and delivered a presentation titled *Portraying the Politics of Difference: Benjamin West, Race, and Transnationalism in Colonel Guy Johnson and Karonghyontye*

AWARDS/ACHIEVEMENTS

Dean's List

2015, 2017, 2018, 2019

Leslie Cheek Scholarship in Art History

2016-2017

SKILLS

- Python, Stata, Latex, Excel, PowerPoint; Chinese (proficiency in reading, writing and speaking)

XINGWEI ZHENG

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EDUCATION

Central University of Finance and Economics <i>Bachelor of Economics, Taxation Concentration</i> <i>Academic:</i> • Cumulative GPA: 90.61/100 GRE: Q169 (96 th percentile) V158 (80 th percentile) AW3.5 <i>Honors:</i> • Recipient of Comprehensive Development Scholarship, Academic Research Scholarship (2%) <i>Bachelor of Management, Accounting Concentration</i> <i>Academic:</i> • Cumulative GPA: 88.74/100	Beijing 07/2019 07/2019
Cornell University <i>Summer Program</i> • Grade: A+. Coursework: Marketing, Portfolio Management, Applied Economics	Ithaca, NY 07/2018 - 08/2018
Columbia University <i>Master of Arts in Economics</i>	New York, NY Expected 12/2020

PROFESSIONAL EXPERIENCE

Nielsen China <i>Finance Vertical Analyst Assistant</i> • Researched financial customer behavior concerning satisfaction to new products, designed expectation section of questionnaires, performed quality control for retrieved data, developed calculating standard for data summary • Derived implications using EPIC model and proceeded benchmark analysis to improve App experience for a top ranked bank, developed suggestions in five perspective, produced three customer satisfaction report in one week	Beijing 09/2018 - 12/2018
Deloitte China <i>Audit & Assurance Intern</i> • Assisted in the engagement of annual and internal control audit, independently prepared working papers and carried out sampling work, detected errors in trial balance using balance sheets and journal entires • Achieved high reply rate of confirmation letter by communicating with client and third parties • Solely completed administrative approval process of report publishing, produced 21 final reports approved by partner and manager in one week	Shanghai 01/2018 - 03/2018
Daimler Greater China <i>Internal Control System & Risk Management Intern</i> • Developed and tested Contract Management System, analyzed offline contract circulating process and converted it into logic chain, coordinated schedules of staff in different entities and interviewed them to collect user requirements • Tracked the accuracy of system work flow on SharePoint according to URD, produced 105 upgrading suggestions which made the system move on to UAT testing stage a week ahead of schedule	Beijing 07/2017 - 09/2017

ACADEMIC PROJECTS

Columbia University, A Corporate Study on Apple Inc. • Built Nasdaq Dozen to investigate quantitative financial data, used SWOT model to examine qualitative issues and verify the accuracy of figures, analyzed trends by graphing and regressing, produced investment suggestions both in short and long term with additional precautions	10/2018 - 12/2018
International Institute of Green Finance, CUFE, Research Assistant • Tracked the development of environmental economic policy in developed countries, collected data from foreign network and delivered summary both in English and Chinese, which drove public attention to Natural Heritage Fund • Translated and edited foreign articles, searched for supplementary materials to support theories in these articles, contributed to the co-authoring of International Cooperation chapter in China green finance progress report	01/2018 - 03/2018

LEADERSHIP EXPERIENCE

Accenture IT Consulting Case Competition • Provided system-level solutions and developed strategic suggestions for a multinational food company • Investigated poultry market of China, delivered recommendations of upgrading ERP system including inventory management, logistic management, marketing and sales systems • Presented proposal with the help of deck designed in consulting company styles, attained 3rd Place	May 2017
ACCA 2017 Case Competition • Analyzed a case about an educational company, determined accounting policy, conducted financial analysis, developed business growth strategies based on benchmark analysis and competitor research • Composed executive summary, delivered presentations, answered questions brought by judges all in English, attained 2nd Runner-Up in North China Final	April 2017

SKILLS & INTERESTS

Language: Native in Chinese Mandarin. Proficient in English
Technical: EViews, MS Office, Access Database (basic)
Certificate: ACCA (9/14), CFA Level I
Interests: Travelling (with self-designed plans), running, rope skipping, movies

ZIXIANG (STEVEN) ZHOU

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EDUCATION

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

New York, USA
Dec 2020

Passed all three levels of the CFA program and will be eligible for award of the CFA charter upon completion of the required work experience

New York University, Courant Institute of Mathematical Sciences, Stern School of Business
Bachelor of Arts in Mathematics and Economics, Business Studies Minor

New York, USA
May 2016

Graduation Honor: Latin Honor Cum Laude (Top 30% of Graduating Class)
University Honor Scholar and Founders Day Award: Award granted for significant academic achievement upon graduation
Cumulative GPA: 3.68/4.00 (The Dean's List Honor, Top 30%) with A in Math Modeling, Probability and Linear Algebra

PROFESSIONAL EXPERIENCE

Ernst & Young (China) Advisory Limited
Senior Associate

Beijing, China
Oct 2016-Oct 2018

- Served as a member of EY APAC Tax Young Innovator Council; facilitated panel discussions on application of business-driven technologies
- Performed due diligence on target companies in M&A deals; interviewed target managements to assess tax compliance status
- Evaluated target compliance risk by building models based on extracted data from financial database
- Conducted benchmark analysis on data from STB (State Tax Bureau) database
- Supervised a team of associates on tax due diligence projects and provide cross-border tax advisory services on tax structuring and tax planning

Accenture Consulting (Beijing) Co. Ltd.
Summer Consulting Intern

Beijing, China
Aug 2015

- Implemented IT optimization plans for five subdivisions of a national energy corporation
- Assessed the corporation's current state of IT infrastructure by interviewing 5 division managers; reported analyzed results and project milestones through 5 status reports and one strategic report
- Conducted training sessions to help other interns engage in teamwork

China Merchant Securities, Investment Banking Division
Summer Analyst Intern

Beijing, China
Jul-Aug 2014

- Participated in national energy corporation's acquisition of its subsidiaries; produced proposals of financing tools for the acquisition; provided budget optimization plans for 3 subsidiaries of the corporation
- Analyzed corporation's current situation by interviewing 5 clients; reported analysis results and project milestones through 3 monthly briefings and 1 strategic report

ACTIVITIES

Secretary General, All American Chinese Youth Federation

New York, USA
2014-2015

- Worked collaboratively in uniting Chinese Students and Scholars Association (CSSA) from various universities in New York to establish the New York Chapter of the Federation. The inauguration event reported on *Central Daily News*

Team Leader, Citi Treasury and Trade Solutions Case Competition

New York, USA
Nov 2014

- Led 4 teammates and prepared a 20-page PPT report in 48 hours; made a 7-minute presentation; Final 5 out of 20 teams for excellent leadership and teamwork

Student Ambassador, NYU Liberal Studies Program

New York, USA
Sept 2013

- Mentored 50 incoming freshmen by introducing the program and answering questions regarding major selection; served as an admissions ambassador by interacting with potential NYU applicants through the summer

LANGUAGE & SKILLS

- *Technical:* MATLAB and Microsoft Office; R