

ZIKAI XU

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EDUCATION

Columbia University <i>Ph.D. candidate in Economics</i>	Aug 2022 -
Columbia University <i>M.A. in Economics</i>	Aug 2020 - Dec 2021
University of California, Berkeley <i>Berkeley Economics Semester Abroad Program</i>	Aug 2018 - May 2019
Nankai University <i>B.S. in Financial Engineering</i>	Aug 2016 - June 2020

RESEARCH EXPERIENCE

Columbia University <i>Research Assistant for Prof. Bo Cowgill</i>	Sept 2023 - present
<i>Master Thesis: Network Formation via Mechanism Design</i>	Sept 2021-present
<i>Research Assistant for Prof. Navin Kartik</i>	May 2021 - Sept 2021
<i>Master Thesis: Observational Learning with Competitive Prices</i>	Sept 2021-present
University of California, Berkeley <i>Independent Research</i>	Aug 2018 - Dec 2018
<ul style="list-style-type: none">- Reviewed, summarized, and cleaned the employment data of the United States, as well as the production data of renewable energy industries and created a new panel data set.- Applied multiple econometric methods on the processed panel data set, and evaluated the potential impact from the development of renewable energy industries on labor market.- Interpreted and analyzed quantitative and qualitative results and expressed results and findings in the form of a research paper.	
Nankai University <i>Honor Thesis: Econometric Analysis of Leverage Effect - Based on CEV Model</i>	Aug 2019 - May 2020
<ul style="list-style-type: none">- Reviewed and replicated the previous literature that estimates the leverage effect in financial market, mainly focusing on two feasible econometric methods, log-linearized OLS and log-differenced OLS.- By simulation in Python, numerically showed that log-linearized OLS is superior to log-differenced OLS in terms of Mean Squared Error, however, at the cost of higher variance.	

SKILLS

Programming:	Matlab, Python, Stata, SAS and Latex
Language:	Chinese Mandarin (native) and English (fluent)