

# ZIKAI XU

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## EDUCATION

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

## RESEARCH EXPERIENCE

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<b>Columbia University</b> <i>Research Assistant for Prof. Bo Cowgill</i>	Sept 2023 - present
<i>Working paper: <b>Network Formation via Mechanism Design</b> with Bo Cowgill</i>	Sept 2023-present
<i>Research Assistant for Prof. Navin Kartik</i>	May 2021 - Sept 2021
<i>Master Thesis: <b>Observational Learning with Competitive Prices</b></i>	Sept 2021-present
<b>University of California, Berkeley</b> <i>Independent Research</i>	Aug 2018 - Dec 2018
<ul style="list-style-type: none"><li>- 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.</li><li>- 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.</li><li>- Interpreted and analyzed quantitative and qualitative results and expressed results and findings in the form of a research paper.</li></ul>	
<b>Nankai University</b> <i>Honor Thesis: <b>Econometric Analysis of Leverage Effect - Based on CEV Model</b></i>	Aug 2019 - May 2020
<ul style="list-style-type: none"><li>- 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.</li><li>- 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.</li></ul>	

## SKILLS

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