

# BAIYU ZHOU

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## EDUCATION

### University of California, Davis

September 2018 - June 2024 (Expected)

Ph.D. Candidate, Economics (Fields: Labor, Applied Econometrics)

- Provost's First Year Fellowship in the Arts, Humanities, and Social Sciences Recipient
- Dissertation: The School Starting Age, Compulsory Schooling Laws, and Child Labor Regulations

### Colgate University

August 2014 - May 2018

B.A. with Dual Honors, Mathematics and Economics (Summa Cum Laude, Phi Beta Kappa)

- Undergraduate Summer Research Fellowship Recipient
- Honors Thesis: Who Are the Job Leavers and Why Do They Quit? Evidence from a Manufacturing Firm

### National University of Singapore

August 2017 - December 2017

Exchange Student, Undergraduate Research Opportunities Programme in Science (UROPs) Participant

- Topic: Community Enforcement in Repeated Prisoner's Dilemma in Continuum Population

## RESEARCH EXPERIENCE

### UC Davis, California Education Lab

July 2023 - Present

*Graduate Student Researcher*

*Davis, CA*

- Lead descriptive data analyses and data visualization using Stata and Excel for grant-funded projects using primary survey data collected in partnership with the California Student Aid Commission.
- Produce policy briefs within an interdisciplinary team of seven scholars, addressing California high school experiences and college concerns; direct a supplementary report that provides insights into gender and sexuality minorities.

### UC Davis, Department of Economics

September 2018 - Present

*Graduate Student Researcher*

*Davis, CA*

- Conceptualize optimal timing for transitioning to formal learning as an economic question, providing pioneering empirical evidence on the long-run impacts of early access to formal education.
- Overcome identification challenges by leveraging policy changes in distinctive institutional settings as natural experiments.
- Offer more credible and policy-informing causal estimates by employing large-scale microdata and state-of-the-art econometric methods, including heterogeneity-robust difference-in-differences estimators and simultaneous confidence bands.
- Provide constructive feedback on research approaches and actively contribute to collective brainstorming on policy impacts as a participant in weekly meetings at the Center for Poverty and Inequality Research and department seminars.

## LEADERSHIP AND PROFESSIONAL EXPERIENCE

### UC Davis, Department of Economics

September 2019 - June 2023

*Teaching Assistant*

*Davis, CA*

- Explained economic concepts and quantitative analysis methods to undergraduate students from diverse academic backgrounds through lectures, discussions, office hours, and written responses.
- Achieved consistently positive evaluations, maintaining a median rating of 5/5 from 366 evaluations across 25 sections.

### Colgate University, IRS Volunteer Income Tax Assistance

January 2015 - May 2018

*Tax Consultant, Student Leader (September 2016 - May 2018)*

*Hamilton, NY*

- Prepared and filed federal and New York state income tax returns for low-income families, ensuring accuracy and maximizing refunds under the supervision of site coordinators.
- Coordinated tax sessions based on volunteer experience and facilitated effective communication between student volunteers, county site coordinators, and the university program coordinator.

### CITIC Securities

May - July 2016

*Summer Analyst - Financial Institutions Group*

*Beijing, China*

- Compiled reference materials to inform clients' financial strategies by gathering and synthesizing data on registered property insurance companies and asset management companies in China using Excel and financial databases.
- Assisted associates in drafting and reviewing registration statements and compliance documents for clients' equity and debt securities offerings, ensuring accuracy and completeness.

## SKILLS

### Software

Proficiency with Stata; Experience in SAS, R, Excel, Git, SQL, Python

### Certificate

Google Data Analytics Professional Certificate