

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
- Collaborate with an interdisciplinary team on grant-funded projects in partnership with major state agencies, producing deliverables for non-academic stakeholders to improve education practices in California.
 - Conduct data analysis and data visualization using Stata and Excel, communicate statistical findings during team meetings, and craft report narratives based on data insights.
- UC Davis, Department of Economics

September 2018 - Present
- Graduate Student Researcher
- Davis, CA
- Discover a unique policy variation from a historical international setting, shedding light on an unexplored dimension of school starting age policies; rigorously assess estimates from diverse data sources to establish a robust first stage.
 - Conduct an extensive review of decades of educational and labor regulations to establish the historical context.
 - Employ state-of-the-art econometric methods and large-scale survey data to ensure unbiased estimates.
 - Effectively present complex economic analysis to non-economist audiences at an interdisciplinary conference.

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.
 - Maintained an outstanding record of consistently positive evaluations, with a median rating of 5/5 from 366 evaluations spanning 25 sections.
- Colgate University, IRS Volunteer Income Tax Assistance

September 2014 - 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
- Assembled reference materials by collecting data on registered property insurance companies and asset management companies from financial databases to inform clients' financial strategies.
 - Collaborated with associates to draft and review 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 (Issued in January 2022)
- Language

Chinese (Native), English (Fluent), Japanese (Basic)