

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** 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
• 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