

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: School Starting Age Reform and Access Timing to Formal Learning
- This is the first school starting age long-run study that isolates the timing effects ('absolute age') from peer effects ('relative age') and compulsory schooling duration effects, achieved by leveraging the distinctive institutional settings in China.
- 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: Replication and Application

RESEARCH EXPERIENCE

- UC Davis, California Education Lab

July 2023 - Present
- Graduate Student Researcher
- Davis, CA
- Lead data analyses and visualization for grant-funded projects using primary survey data collected in partnership with the California Student Aid Commission.
 - Produce policy briefs addressing California high school experiences and college concerns to inform practices in an interdisciplinary team of seven scholars; direct supplementary report shedding light on gender and sexuality aspects.
- UC Davis, Department of Economics

September 2018 - Present
- Graduate Student Researcher
- Davis, CA
- Conceptualize discussions on school starting age as economic questions, identify innovative natural experiments from policy changes, and construct analytical frameworks to provide evidence-based recommendations.
 - Conduct econometric analyses of large-scale microdata using state-of-the-art methods for causal inference, including event studies, heterogeneity-robust difference-in-differences estimators, and sup-t simultaneous confidence bands.
 - Communicate research findings to both economists and non-economists through oral presentations and academic writing.

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 students with 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.
- 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 in Stata; Experience in SAS, R, Python, SQL, Git, Excel, Tableau
- Certificate

Google Data Analytics Professional Certificate