GABRIEL SOLIS

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EDUCATION

University of Southern California, Dornsife College — May 2025
B.S., Economics and Mathematics — GPA: 3.88
Selected Coursework: Real Analysis I, Topology, Mathematical Statistics, Linear Algebra and Differential Equations, Combinatorics; Microeconomic Theory I (PhD), Econometrics, Market Design
Activities: Sidney Harman Academy for Polymathic Study; USC Economics Association; IDDEAS@ Wharton Scholar

RESEARCH EXPERIENCE

MIT Blueprint Labs — June 2026 - Present
Research Fellow, Higher Education Team — *Cambridge, MA*
Principal Investigators: Joshua Angrist, David Autor, Amanda Pallais

- Analyze the effects of randomized financial aid on postsecondary, labor market, and credit outcomes using linked administrative data and IV/2SLS and Mincer models in Stata
- Build, clean, and validate administrative datasets from schools, tax records, and credit bureaus
- Present analyses biweekly to the project's three PIs, prepare exhibits for external presentations, draft reports and research memos, and help onboard incoming research assistants
- Contribute to a methodological working paper by Joshua Angrist and coauthors on instrumental variables with multiple treatments, implementing code and updating results

USC Security and Political Economy Research Lab — January 2022 - May 2025
Research Team Lead, Talus Analytics Team — *Los Angeles, CA*
Advisor: Benjamin A.T. Graham

- Led a seven-person research team, developed R training modules, and served as a TA for IR-413 (Applied Data Science), leading weekly office hours in econometrics and data visualization
- Supported development of machine learning models using body-worn camera footage from 30,000 LAPD traffic stops to study officer-driver communication and inform police training
- Compiled data on 200,000+ ASEAN firms for research on strategy and political participation, and maintained the World Economics and Politics Dataverse with Princeton's Niehaus Center

American Economic Association Summer Program — May 2024 - July 2024
Advanced-Track — *Washington, D.C.*
Advisors: Sinem Hacioglu-Hoke & Christine L. Dobridge — GPA: 4.0

- Completed intensive PhD-level coursework in Microeconomics, Econometrics, and Mathematical Methods, with training in panel and time-series analysis using Stata and R
- Coauthored an empirical study of GitHub contributions as labor market signals, building a panel dataset from GHTorrent and Glassdoor data and estimating productivity and wage regressions

Gateway Research Scholars — January 2023 - August 2023
Independent Researcher — *Los Angeles, CA*
Advisor: Alex P. Miller

- Conducted an online experiment studying how GDPR-related consent mechanisms and firm characteristics affect consumer choice to accept or reject cookies (*Awarded $1,000 from Phi Kappa Phi*)

PRESENTATIONS

Who Wins, Who Loses under Privacy Regulation? Evidence from the GDPR and Online Tracking. Celebration of Undergraduate Research in Economics at the University of Southern California. May 2025. Los Angeles, CA

Signaling through Open Source: How GitHub Contributions Influence Labor Outcomes. American Economic Association Summer Mentoring Pipeline Conference. June 2024. Washington, DC

A Cookie Conundrum: An Investigation of Consumer Behavior and Online Privacy Regulations. Gateway Research Symposium at the University of Southern California. July 2023. Los Angeles, CA

LEADERSHIP & SERVICE

Marshall ExCEL Study Abroad Program May 2022 - June 2022
Global Business Leadership Program *Rome, Italy*

- Engaged with government officials, business executives, and entrepreneurs in Rome to learn about international business practices, public policy, and local economic development

Water Drop LA August 2021 - May 2022
Volunteer *Los Angeles, CA*

- Coordinated weekly teams of 20 volunteers to distribute water and essential supplies to unhoused residents on Skid Row, supporting community outreach around water access and homelessness

HONORS & AWARDS

Discovery Scholar Distinction, University of Southern California 2025

Departmental Honors in Economics, University of Southern California 2025

Provost's Undergraduate Research Fellowship, University of Southern California 2024
† *Award Amount: $1,000*

Phi Beta Kappa, University of Southern California 2023

Dornsife Fisher Fellowship, University of Southern California 2022
† *Award Amount: $10,000*

Norman Topping Student Aid Fund Scholarship, University of Southern California 2021

Neighborhood Academic Initiative Scholarship, University of Southern California 2021
† *Award Amount: Full-Tuition*

WORK EXPERIENCE

Federal Reserve Bank of Boston July 2024
Job Shadow Program *Boston, MA*

Ernst & Young June 2022 - August 2022
Assurance and Tax Intern *Los Angeles, CA*

TECHNICAL SKILLS

Programming & Tools	Stata, R, Python, Git/GitHub, LaTeX
Software	Contributor, *Append IDs* R package (with Jacob Tucker et al.)
Languages	Spanish (Proficient)