

GABRIEL SOLIS

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EDUCATION

University of Southern California, Dornsife College Expected May 2025
B.S., Economics and Mathematics GPA: 3.90
Selected Coursework: Real Analysis, Probability Theory, Linear Algebra and Differential Equations, Combinatorics; Intermediate Microeconomic Theory, Econometrics, Market Design
Activities: Sidney Harman Academy for Polymathic Study; USC Economics Association

University of Pennsylvania April 2023
IDDEAS@Wharton Scholar
A two-day professional development program to attract diverse, high-achieving undergraduates to business PhDs through immersive research activities, faculty mentorship, and doctoral seminars

RESEARCH EXPERIENCE

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

- Manage a team of seven researchers, developing R training modules and facilitating weekly office hours for lab and IR students on data management, visualization, and statistical analysis
- Assist in developing of machine learning models that analyze LAPD body-worn camera footage from 30,000 traffic stops to evaluate patterns in officer communication and inform police training
- Collected data on 200,000 ASEAN manufacturing firms, investigating the impact of firms' social ties on their corporate political participation amid economic integration and regulatory challenges
- Manage the backend of the World Economics and Politics (WEP) Dataverse, a queryable data resource for international political economy, in collaboration with Princeton's Niehaus Center

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

- Participated in an intensive training program for aspiring economists that included advanced coursework in PhD-level Microeconomics, Econometrics, and Mathematical Methods
- Under the mentorship of Federal Reserve Board economists, I gained expertise in time-series econometrics, panel analysis, and statistical programming using Stata and R
- Researched the impact of GitHub open-source contributions on labor market outcomes by developing and empirically testing a Perfect Bayesian Equilibrium in a signaling game

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

- Engaged in graduate-level seminars on research methodologies, focusing on formulating research questions, empirical analysis, and effectively writing and presenting research findings
- Investigated the influence of GDPR-mandated digital consent mechanisms on competition through an online experiment measuring consumer willingness to accept or deny cookies based on firm characteristics (*Awarded \$1,000 from Phi Kappa Phi*)

PRESENTATIONS

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

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 AND INVOLVEMENT

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

- Studied abroad in Rome, gaining exposure to foreign business practices through interactions with local government officials, executives from top global companies, and local entrepreneurs

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

- Coordinated with 20 volunteers each week to distribute clean water and essential supplies to Skid Row's unhoused community, raising awareness on water access and systemic homelessness
- Co-published "Art & Memoirs of Skid Row," a magazine that uplifts the stories and art of Skid Row

HONORS AND AWARDS

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 - August 2024
Job Shadow Program Boston, MA

- A week-long program designed for underrepresented aspiring economists to explore the Boston Fed's mission, interact with experts, and learn about economic policy and research in central banking

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

- Assessed cash disbursements and receipts for Whatnot, a \$1.5 billion live streaming marketplace
- Evaluated a high net-worth individual's partnerships using Schedule K-1s, ensuring compliance with current tax regulations

SKILLS AND SERVICE

Computer Languages	R, Stata, L ^A T _E X, Python
Software Publication	Append IDs R package (with Jacob Tucker et al.)
Languages	Spanish (Proficient)
Service	Teaching Assistant for IR-413 (Applied Data Science)