

Arjun Ramani

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EDUCATION

Stanford University

B.A.H – Economics, Minor – Mathematic (graduated); M.S Candidate – Computer Science

GPA: 3.94/4.00

Stanford, CA

Sep 2017 – Mar 2022

Selected Awards & Honors

College: Kennedy Award for Best Undergraduate Thesis at Stanford; Quarterfinalist US Debate Championships

Pre-College: 3rd Place Regeneron Science Talent Search (\$150,000 award), USAMO Qualifier (Top 230 in US Math Olympiad)

PROFESSIONAL EXPERIENCE

Citadel

New York, NY

Trading Intern – Global Fixed Income

Jun 2021 – Present

- Built trading tool to extract positions from emerging market swaps data – completed project and put into production in 4 wks
- Developed 3 successful trading strategies on emerging market inflation dynamics; forecasted central bank policy rates

Citadel Securities

New York, NY

Trading Intern – Fixed Income ETF (received full-time return offer)

Jun 2020 – Aug 2020

- Desk work included bond pricing and project analyzing impact of corporate bond benchmark rolls on IG bond yields
- Training included mock trading, poker theory, forecasting, and theory courses across options, equities, & bonds

Stanford Institute for Innovation in Developing Economies (SEED) – DreamOval Ltd

Accra, Ghana

Product Strategy and Data Analytics Intern

Aug 2019 – Sep 2019

- Developed new pricing model and negotiated w/mobile payments partner, largest bank in Africa, to implement price changes
- Taught project managers SQL and R to create key results dashboards; worked w/CEO to define relevant key metrics

White House Council of Economic Advisers (CEA)

Washington D.C.

Economic Policy Intern (Trade/Tax Policy Teams)

Jun 2018 – Sep 2018

- Wrote 5 daily economic briefings analyzing headline economic events; circulated throughout White House senior leadership
- Developed end-to-end statistical analysis tool in Python and R to assess the impact of TCJA Opportunity Zones policy

RESEARCH EXPERIENCE

Stanford Institute for Economic Policy Research (SIEPR) + Independent Econ Research

Stanford, CA

Researcher (Advised by Nick Bloom & Pete Klenow)

Aug 2018 – Present

- Thesis on the effect of work-from-home on real estate; Published in NBER, featured by Bloomberg, The Economist, etc
- Worked w/Prof Ramin Toloui on impact of technology/demography on inequality; work presented at 2020 AEA conference

Computer Science Department – Stanford University & Purdue University

Stanford, CA & West Lafayette, IN

Research Scientist

Jun 2015 – Jan 2018

- Developed fastest known algorithm ($O(E)$ vs. $O(N^2)$) for generating large random Kronecker networks using Python and Julia
- 1st authored paper published in journal *SIAM Review* and separate 2nd authored paper published by *ICDM*

EXTRACURRICULARS & LEADERSHIP

Stanford Daily Newspaper

Stanford, CA

Director of Data and Founder of the Stanford Open Data Project

Nov 2018 – Jun 2021

- Directed 30-person data journalism team; editor for all data journalism stories published by the Daily's Data Blog
- Led team of 7 at Stanford Daily to build out Stanford's first centralized data portal; responsible for full-stack development

Stanford Consulting Student Group

Stanford, CA

Vice President of Projects & Board Member | Previous: Project Director

Nov 2017 – Jun 2021

- Led team of 6 to design distance learning platform for Britannica Group; worked with Global CEO & currently piloting design
- Revamped online and app strategy/design for microfinance firm; increased online engagement by 60% and profit by \$4M

Student Staff – Crothers Hall

Stanford, CA

Academic Theme Associate (ATA)

Sep 2019 – Jun 2020

- Responsible for ~\$30K budget, planning 30 speaker events, and managing academic events for ~350 student dorm
- Live interviewed several academics and policymakers from Tyler Cowen (GMU) to Paul Niehaus (founder GiveDirectly)

Stanford Debate Society

Stanford, CA

World Championships Squad Member

Aug 2017 – Jun 2021

- Quarterfinalist at US Championships, finalist at the Oxford IV, winner of UChicago IV, and qualifier for APDA Nationals
- Ran operations for the 3rd largest high school debate tournament in country with over 3000+ participants and \$200k cash flow

ADDITIONAL INFORMATION

Technical languages: Python, R, Stata, Julia, ReactJS | Interests: Tennis, Philosophy, Juggling, Mentoring, NBA, Golf, History