







Peter Zhang

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Education

University of California, Berkeley

Berkeley, CA

Computer Science, Economics, & Operations Research B.A. 3.97 GPA

2020–2024

Coursework: Micro/Macro, Behavioral Economics, Data Science, AI, Statistics/Probability, Optimization, Algorithms

Activities: Voyager Consulting, Debate Society of Berkeley, Berkeley Economics Review, Computer Science Mentors

Experience

Uber Eats

San Francisco, CA

Data Analyst

Sep 2021–Dec 2021

- Queried behavioral data on 2M eaters for segmentation via a random forests, PCA, and clustering algorithms.
- Modeled effect of discounts on Eats pass conversion and provided strategy recommendations for each cluster.

Amazon Web Services

Arlington, VA

Software Development Engineer Intern

Jun 2021–Aug 2021

- Design and develop a scalable, serverless tool to notify customers of service issues with a flexible API and CLI
- Rapidly test and iterate in an agile workflow, using Java/Typescript and AWS services (CDK/SQS/Lambda)

Center for Effective Global Action

Berkeley, CA

Research Apprentice

Jan 2021–May 2021

- To support Open Policy Analysis, developed an R Shiny/markdown showcase and drafted a set of guidelines.
- Working with authors, assessed and improved reproducibility for 5 papers using R, Stata, Python, and \LaTeX .

National Cancer Institute

Rockville, MD

Research Assistant

Jul 2019–Apr 2020

- Scraped/reformatted 1+ billion gene expression data from cancer drug trials for efficient, on-demand user query.
- Developed R Shiny graphing/analysis app with one-click, Electron app, published first-author in Bioinformatics.

National Institute of Standards and Technology

Gaithersburg, MD

Economics Research Intern

May 2020–Sep 2020

- Annotated 57 papers on resilience planning to assess the role of co-benefits in recent benefit-cost analysis.
- Published user manual/case study for Edge\$, a decision-making software app to help community leaders.

Projects

Debate Analysis

Sep 2020–Feb 2021

- Scraped 200k+ outcomes from debate tournaments and 5k+ online debate cases with a Bsoup/Selenium crawler.
- Published articles detailing the impact of transitioning to online debate and rates of public case disclosure.
- Collected educational/professional data on 438 elite competitors and published article visualizing career pathways.

Partisanship & COVID


Dec 2019–Apr 2021

- Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
- Published article detailing the relationship between political affiliation and COVID-19 via multiple regression

Skills

 **Expert:** Python (Pandas), R, Java, Latex, Git/Terminal, VSCode/IntelliJ, Data Analysis/Visualization

 **Proficient:** C, SQL, HTML (Liquid), CSS, JavaScript (React), Azure/AWS, WordPress, Machine Learning

 **Novice** Swift, Android Studio, Typescript, Spark, MATLAB (CVX), Stata, Electron, AutoDesk Inventor

Awards

UC Berkeley Leadership Award; 2x Recipient

Jul 2020, Aug 2021

DSS x NIB Datathon for Social Good, 1st Place

Nov 2021

Venture Capital Investment Competition; National Finalist

Apr 2021

National Speech and Debate Tournament; 6th Place

Jun 2020