






Peter Zhang

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Education

University of California, Berkeley

Berkeley, CA

Computer Science, Economics, & Operations Research B.A. w/ Public Policy Minor; 3.97 GPA

2020–2024

Coursework: ML+AI, Data Science, Econometrics+Stochastics, Macro+Micro, Behav Econ/Finance, DS&A

Activities: Voyager Consulting, Debate Society of Berkeley, Computer Science Mentors, Daily Californian, UPE

Experience

Susquehanna International Group

Bala Cynwyd, PA

Incoming Trading Intern

Jun 2022–Aug 2022

Berkeley Natural Language Processing

Berkeley, CA

Research Assistant for Ruiqi Zhong

Jan 2022–Present

- Fine-tune language models for economics applications: measuring slant, generating hypotheses, annotations.
- Aggregate 30+ datasets to create a hypothesis generation test suite; developing MTurk annotation platform.

Berkeley Economics

Berkeley, CA

Research Assistant for Prof. Ulrike Malmendier

Jan 2022–Present

- Scrape, format, and analyze dozens of datasets for behav econ: macroeconomics, CEO pay, business activity.
- Review literature, draft/propose sections, and copy edit for book proposal about experience effects.

Uber Eats

San Francisco, CA

Data Analyst

Sep 2021–Dec 2021

- Segmented 2M eaters via a random forests, PCA, and clustering approach on massive behavioral dataset
- 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.

Skills

 **Fluent:** Python, Numpy/Pandas, R, Dash/Shiny, Java, \LaTeX , Git/Terminal, Mandarin, Chess, Fried Rice

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

Awards

Citadel West Coast Datathon, 3rd Place

Apr 2022

UC Berkeley Leadership Award; 2x Recipient

Jul 2020, Aug 2021

DSS x NIB Datathon for Social Good, 1st Place

Nov 2021

National Speech and Debate Tournament; 6th Place

Jun 2020