






Peter Zhang

 petez@berkeley.edu  (240) 994-2204  peterzha.ng  petezh  pjz

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 various language models for economics applications: e.g. measuring slant, annotations
- Aggregate 20+ 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.

Voyager Consulting

Berkeley, CA

Gates Foundation Project Leader

Sep 2021–May 2022

- Synthesized 300+ research publications and interviewed 11 experts on poor quality drugs in Arica.
- Led writing of 100+ page report to deliver targeted investment options for the Integrated Development team.

Intel Project Leader

Jan 2022–May 2022

- Benchmarked Intel Foundry Service competitors and built scrapers to extract data from investor reports.
- Led development of a dashboard to forecast competitor trends and analyze competitor customer bases.

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)

National Cancer Institute

Rockville, MD

Research Assistant

Jul 2019–Oct 2021

- 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.

The Bronx High School of Science

Bronx, NY


Assistant Debate Coach

Aug 2020–May 2021

- Led 2 practices/week for 30+ Lincoln-Douglas debaters and drilled 1-on-1, qualifying to the nat. championship.
- Judged and coached at 18 national, multi-day tournaments, providing strategic advice and feedback to competitors.

Skills

 **Fluent:** Python, Numpy/Pandas, R, Dash/Shiny, Java/Kotlin, \LaTeX , Git/Terminal, SQL, functional programming

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

Awards

Citadel West Coast Datathon, 3rd Place

Apr 2022

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