






Peter Zhang

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Education

University of California, Berkeley

Berkeley, CA

Computer Science, Economics, & Operations Research B.A. w/ Public Policy Minor; 3.98 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

Quantitative Trading Intern

Jun 2022–Aug 2022

- Designed and built NLP model to predict trading volume that was immediately used by traders in production.
- Completed rigorous finance/options curriculum; competed in mock trading and various strategic games.

Berkeley Natural Language Processing

Berkeley, CA

Research Assistant for Ruiqi Zhong

Jan 2022–Present

- Fine-tune large language models (GPT, UnifiedQA, etc.) for social science applications, e.g. political slant.
- Improved efficiency of and built benchmark of 50 datasets for a text classification interpretability algorithm.

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

- Designed and developed a scalable, serverless tool to notify customers of service issues with a flexible API
- Rapidly tested and iterated in an agile workflow, using Java/Typescript and AWS services (CDK/SQS/Lambda)

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

Chevron x LBSA Case Competition, 1st Place

Apr 2022

Baidu x VSS Case Competition, 3rd Place

Nov 2021

Mastecard Case Competition, 3rd Place

Apr 2021

Venture Capital Investment Competition; National Finalist

Apr 2021