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 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.

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)

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