

# Peter Zhang

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

## Education

### University of California, Berkeley

*Computer Science, Economics, & ORMS B.A., Data Science Minor; 3.97 GPA*

Berkeley, CA

2020–2024

**Coursework:** DS&A, ML/AI/DL, DS & Inference, Systems, Probability, Macro/Micro/Metrics, Analysis+LinAlg

**Activities & Societies:** Voyager Consulting, Traders at Berkeley, Machine Learning at Berkeley, CSM, UPE

## Experience

### Jane Street

New York, NY

*Incoming Trading Intern*

Jun 2023–Aug 2023

### 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

*Student Researcher with Jacob Steinhardt*

Jan 2022–Present

- Fine-tuned large language models for social science applications, e.g. measuring political slant.
- Built OpenD5, a meta-dataset of 700 interdisciplinary tasks, submitted 2nd-author to ICML '23.

### Voyager Consulting

Berkeley, CA

*Intel Project Leader*

Jan 2022–May 2022

- Led team of 7 to build and deliver multi-functional competitor intelligence dashboard that continues to be in use.
- Shipped numerous features: PDF parsing, data visualization, basic insight mining, forecasting, news coverage

### Bill and Melinda Gates Foundation

Seattle, WA

*Consulting Project Lead*

Sep 2021–May 2022

- Over 4 months, synthesized 200 articles and 10+ interviews on African medicines quality into 170-pg report.
- Led team of five to present recommendations in-person to 20 company leaders, informing \$MMs in investments.

### 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

- Scrapped/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.

## Skills

 **Fluent:** Python, Numpy/Pandas, R, Dash/Shiny, Java/Kotlin, L<sup>A</sup>T<sub>E</sub>X, Git/Terminal, SQL, functional programming

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

## Awards

Citadel Data Open World Finals, 4th Place

Nov 2022

Citadel West Coast Data Open, 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