






Peter Zhang

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Education

University of California, Berkeley

Berkeley, CA

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

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

- 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.

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 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