






Peter Zhang

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Education

University of California, Berkeley

Berkeley, CA

Computer Science, Economics, & Operations Research B.A. w/ Public Policy Minor; 3.97 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

Undergraduate Researcher

Jan 2022–Present

- Fine-tune language models for economics applications: measuring slant, generating hypotheses, annotations
- Aggregate 30+ datasets to create a hypothesis generation test suite; developing MTurk annotation platform

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)

Voyager Consulting

Berkeley, CA

Volvo Cars Consultant

Jan 2021–May 2021

- Compiled and analyzed 28 existing and novel on-demand car features based on industry/consumer research.
- Surveyed 2,000+ consumers with binary-search Gabor Granger technique to inform R Shiny breakeven model.

Monster Energy Consultant

Sep 2020–Dec 2020

- Quantified consumer interest in 55 flavors by analyzing industry reports, social media, and Google Trends data.
- Forecasted demand from 4.5M rows of CPG sales data to suggest products, 3 of which were implemented.

Gates Foundation Advisor

Sep 2021–Dec 2021

- Compiled 177 field studies and interviewed >10 experts to segment the substandard/fake drug market in Africa.
- Built interactive visualizations and regressions; presented 55-page report to former head of the UK MHRA.

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.

National Cancer Institute

Rockville, MD


Research Assistant


Jul 2019–Apr 2020

- 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

 **Expert:** Python (Pandas), R, Java, Latex, Git/Terminal, VSCode/IntelliJ, Data Analysis/Visualization

 **Proficient:** C, SQL, HTML (Liquid), CSS, JavaScript (React), Azure/AWS, WordPress, Machine Learning

 **Novice** Swift, Android Studio, Typescript, Spark, MATLAB (CVX), Stata, Electron, AutoDesk Inventor

Awards

UC Berkeley Leadership Award; 2x Recipient

Jul 2020, Aug 2021

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