

Peter Zhang

🏠 15429 Indianola Drive, Derwood, MD 20855, USA

✉ petez@berkeley.edu 📞 (240) 994-2204 💼 peterzhang.info 🌐 petezh 📄 pjz

Education

University of California, Berkeley

Berkeley, CA

Computer Science & Economics B.A.; 4.00 Cumulative GPA

2020–2023

Coursework: Probability, Statistics, Data Science, Data Structures, Algorithms, Microeconomics, Macroeconomics

Activities: Voyager Consulting, Berkeley Economic Review, Debate Society of Berkeley, Computer Science Mentors

Experience

Amazon

Arlington, VA

Incoming Software Engineering Intern

May 2021–Aug 2021

DeWaste

Berkeley, CA

Data Science Intern

Feb 2021–Present

- Build web interface for food waste data, providing restaurants with real-time, actionable insights
- Leverage time series forecasting to disaggregate daily, weekly, and yearly trends in food waste

Voyager Consulting

Berkeley, CA

Volvo Cars Consultant

Jan 2021–Present

- Performed industry analysis and researched 20+ innovative on-demand car features for development.
- Designing Gabor Granger survey to assess demand and build convenient, Excel-based pricing model.

Monster Energy Consultant

Sep 2020–Dec 2020

- Quantified consumer interest in 55 product categories from scraped social media and Google Trends data
- Forecasted demand from 4.5M rows of CPG sales data to suggest product development and launch strategies

National Institute of Standards and Technology

Gaithersburg, MD

Economic Research Intern

May 2020–Sep 2020

- Annotated 50+ papers on resilience planning to find trends in how co-benefits are treated in benefit-cost analysis
- Published user manual and case study for Edge\$, an online decision-making software for resilience projects

National Cancer Institute

Rockville, MD

Research Assistant

Jul 2019–Apr 2020

- Scraped and reformatted 1 billion+ gene expression datapoints from drug trials to expedite user queries
- Developed R Shiny app for dynamic plotting/analysis and created an Electron-based MacOS deployable

Projects

Debate Analysis

Sep 2020–Present

- Scraped 200k+ outcomes from debate tournaments and 5k+ publicly posted debate cases
- Published article analyzing the impact of online environments on access to debate tournaments
- Published article quantifying the popularity of different arguments and trends across debate events

Eye Coach

Jan 2019

- iOS app built with augmented reality and Haar cascades to help people with autism train eye contact
- Built in 24 hours at Hack Pennsylvania, winning best-in-show among 100+ other participants

Skills

Languages: Python, Java, R, SQL/MySQL, HTML/CSS/JavaScript, MATLAB, \LaTeX , Stata

Tools: Git/Terminal, Azure/AWS, VSCode/IntelliJ/Android Studio, WordPress, Electron

Awards

Silicon Valley Venture Capital Investment Competition; 1st

Feb 2021

UC Berkeley Leadership Award; Recipient

Jul 2020

National Speech and Debate Tournament; 6th Place

Jun 2020

USA Computing Olympiad; Platinum Division

Apr 2020

American Regions Mathematics League; 8th Place

Jun 2019