

# Peter Zhang

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## Education

### University of California, Berkeley

Berkeley, CA

Computer Science & Economics B.A.; 4.00 GPA

Class of 2023

**Coursework:** Data Structures/Algorithms, Data Science, InfoSys Design, Micro/Macro, Discrete Math, Statistics

**Activities:** Voyager Consulting, Economics Review, Debate Society, CS Mentors, UPE,

## Skills

**Languages:** Python, Java, R, SQL/MySQL, HTML/CSS/JavaScript, MATLAB,  $\text{\LaTeX}$ , Stata

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

## Experience

### Amazon

Arlington, VA

Incoming Software Development Engineer Intern

May 2021–August 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.
- Designed Gabor Granger/Van Westendorf pricing survey to measure demand and build 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

### Premier Debate America

Remote

Product Manager

Dec 2018–Present

- Oversee monthly publication of 200+ pages of topic research used freely by thousands of debaters nationwide
- Design and maintain premierdebate.com using Wordpress and CSS/Javascript with 130,000 visitors since 2019

### 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+ online debate cases with BSoup/Selenium
- Published articles detailing the impact of transitioning to online debate and rates of public case disclosure

### World4

Apr 2019

- Carrying capacity model based on Spearman correlation and regression of 20+ environmental indicators
- Awarded Top 6 in the US in the International Mathematics Modeling Competition for rigor and innovation

### 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

## 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