

Peter Zhang

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Education

University of California, Berkeley

Berkeley, CA

Computer Science & Economics (intended) B.A.; 3.98 GPA

2020–2023

Coursework: Data Structures/Algorithms, Data Science, Artificial Intelligence, Discrete Math, Statistics/Probability

Activities: Voyager Consulting, The Daily Californian, Debate Society of Berkeley, Computer Science Mentors, UPE

Experience

Computer Science Mentors

Berkeley, CA

Mentor

Sep 2020–Present

- As junior mentor, prepared/presented weekly lessons and practice problems for six CS 61A students.
- As content mentor, prepared worksheets for 100+ mentors and students; wrote script to track 400+ problems.
- As senior content mentor, oversee content creation process and lead initiatives for new, improved problems.

Amazon Web Services

Arlington, VA

Software Development Engineer Intern

Jun 2021–Aug 2021

- Designed/implemented a lightweight, flexible library/tool to notify 1000s of customers across services in <1min.
- Rapidly developed/tested/iterated using Java/Typescript, Python, & AWS services, exceeding performance goals.

Center for Effective Global Action

Berkeley, CA

Research Apprentice

Jan 2021–May 2021

- To support Open Policy Analysis, developed an R Shiny/markdown showcase and drafted a set of guidelines.
- Working with authors, assessed and improved reproducibility for 5 papers using R, Stata, Python, and \LaTeX .

Foundation for Advanced Education in the Sciences

Bethesda, MD

Teaching Assistant

Jan 2021, Mar 2021

- Taught two sessions of a 3-week introductory Python course with 15 graduate students at the NIH.
- Facilitated Slack discussions, held 10+ 1-on-1 office hours, and graded student assignments.

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.

War Room Debate

Austin, TX

Debate Instructor

Jun 2020

- Designed sample cases and recorded demo videos for an advanced Lincoln-Douglas debate curriculum
- Led lab of 15 students for two weeks of skills lectures, frequent drills, and practice debates.

Premier Debate America

Los Angeles, CA

Product Manager/Writer

Dec 2018–Present

- Led bi-monthly publication of 18 briefs with 200+ pages of topic research used by thousands of debaters.
- Design and maintain premierdebate.com using Wordpress and CSS/Javascript with 140,000+ visitors since 2019.

Projects

Debate Analysis

Sep 2020–Feb 2021

- Scraped 200k+ outcomes from debate tournaments and 5k+ online debate cases with a Bsoup/Selenium crawler.
- Published articles detailing the impact of transitioning to online debate and rates of public case disclosure.

Skills

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

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

Awards

UC Berkeley Leadership Award; Recipient

Jul 2020/Aug 2021

Venture Capital Investment Competition; National Finalist

Apr 2021

National Speech and Debate Tournament; 6th Place

Jun 2020

USA Computing Olympiad; Platinum Division

Apr 2020