

# Peter Zhang

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## Education

### University of California, Berkeley

Berkeley, CA

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

Class of 2024

- **Coursework** Data Structures, Discrete Math and Probability, Functional Programming, Linear Algebra, Statistics
- **Activities** Voyager Consulting, Debate Society at Berkeley, Computer Science Mentors, Berkeley Economic Review

## Experience

### Computer Science Mentors

Berkeley, CA

Junior Mentor

Sep 2020–Present

- Prepare and present weekly mini-lectures and practice problems for a group of six CS 61A students
- Assisted compilation of lectures and practice problems as a part of the Midterm 2 task force

### The Bronx High School of Science

Bronx, NY

Assistant Debate Coach

Aug 2020–Present

- Lead two practices each week for a team of 30+ Lincoln-Douglas debaters and drill with students one-on-one
- Judge and coach at two tournaments each month, 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

Dec 2018–Present

- Lead bi-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 67,000 visitors in 2019

## Projects

### 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

- Swift app using 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

### Roller Coaster Ranker

Nov 2018

- Neural network that predicts ratings from auto-encoded coaster features like height, speed, location, etc.
- Awarded finalist in the International High School Mathematics Challenge in Modeling among 280+ teams

## Skills

**Languages** Python/Jupyter, R w/ Shiny, Java, SQL, HTML/CSS/Javascript, MATLAB

**Tools** Git/Terminal, VS Code/IntelliJ/Android Studio, WordPress, Electron

## Awards

UC Berkeley Leadership Award; Recipient

Aug 2020

National Speech and Debate Tournament; 6th Speaker

Jun 2020

USA Computing Olympiad; Platinum Division

Apr 2020

American Regions Mathematics League; Division A, 8th Place

Jun 2019

International Mathematics Modeling Challenge; Finalist

Apr 2019