

# ANNA ZHANG

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## EDUCATION

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**Yale University**, New Haven, CT

Expected Graduation 2023

*B.S. in Computer Science*

*Relevant Coursework:* Introduction to Computer Science (CPSC 201)

*Student Engagement:* Yale Student Environmental Coalition, Club Gymnastics, Danceworks, Knitting Circle, Float

**Aragon High School**, San Mateo, California

Graduation Year 2019

*Weighted GPA:* 4.33; *Unweighted GPA:* 4.00

*Awards:* National Merit Scholarship Finalist, FIRST Tech Challenge Think Award

*Activities:* FTC Robotics, San Mateo Activist Coalition, TA for AP Computer Science, StarVista Health Ambassador, Founder of Environmental Club, Asian Club

*Summer Programs:* COSMOS Sound Spatialization and iOS Development Research, Stanford Pre-collegiate Summer Institute, CIEE Summer Abroad on Biodiversity and Conservation

## WORK EXPERIENCE

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**Student Developer**, *Yale Student Tech Collaborative*, New Haven, CT

Oct 2019 - present

- Develop custom web applications for Yale University such as Campus Map and Vesta; use GitLab for version control on collaborative projects; projected to code a work scheduling program after training completion which is 10hrs/week.

**Coding Instructor**, *MVCode*, San Mateo, CA

May 2019 - Aug 2019

- Taught 10-20 children how to code with Javascript for 8 weeks of camp in the summer; lead lessons on Arduino robotics, Javascript, Scratch, Minecraft custom plug-ins, and game development.

**Assistant Volleyball Coach**, *650 Xtreme Volleyball Club*, San Mateo, CA

Jan 2017 - May 2019

- Coached the 13-2 Power Team at three practices a week along with seven tournaments a year; specific emphasis on setting because of experience as a setter at 3 junior national championships.

## LEADERSHIP & ACTIVITIES

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**Software Team Member**, *Yale Intelligent Vehicles*, New Haven, CT

Aug 2019 - present

- Work on a building a food bot that is able to drive along roads and hold food orders for students, bringing them their meals directly; program a neural network to teach the robot optimal surroundings to move around.

**Coding Mentor**, *Yale Code Haven*, New Haven, CT

Aug 2019 - present

- Teach the local New Haven middle school students at John S. Martinez School about computer science and coding fundamentals; work with 30 English and Spanish speaking kids to bring computer science to students who might not have access to such lessons and resources; help a smaller group of 5 students to help them develop games in Scratch.

**Network Management Advocate**, *Yale Students for Carbon Dividends*, New Haven, CT

Aug 2019 - present

- Build a national network of students in support of carbon dividends; create a student body president mission of endorsements from 200 student leaders; contact over 700 school presidents push political action for the bipartisan carbon dividends bill.

**Hackathon Founder and Director**, *Digitize Hackathon*, Bay Area, CA

Nov 2017 - May 2019

- Organized high school hackathon in the Bay Area with an emphasis on combatting social issues with computer science, managing a budget of \$3500 including non-fiscal sponsorship.
- Found 12 speakers and mentors to host 8 different workshops and help our 50 participants make 13 projects addressing issue ranging from environmental conservation to mental health to gender equality.

**Associated Student Body President**, *Aragon High School Leadership*, San Mateo, CA

Aug 2015 - May 2019

- Elected as ASB President after previously being ASB Treasurer and Class of 2019 Treasurer with 4 years of experience in the Leadership class
- Worked with 12 commissions across 2 classes and 4 grades to plan school events such as dances, rallies and spirit weeks; developed innovative ways to publicize events through Canvas and social media

## SKILLS AND INTERESTS

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- *Computer Skills:* Advanced (Java, HTML/CSS, Racket, JavaScript), Intermediate (Swift, Lua), Beginner (Python)
- *Language Skills:* Chinese (native), Spanish (intermediate)
- *Other interests:* Environmentalist (minimal waste practices), Knitting Enthusiast, Pianist and Singer (musical buff)