

# ANNA ZHANG

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## EDUCATION

**Yale University**, New Haven, CT

**Expected Graduation May 2024**

B.S. in Computer Science (GPA : 3.91)

**Relevant Courses:** Full Stack Web Programming, Discrete Math, Building Interactive Machines, Intro to Systems Programming, Data Structures and Algorithms, Artificial Intelligence, Intro Computer Science

## EXPERIENCE

**Yale Undergraduate Admissions Office**, *Engineering Tour Guide*

*Feb 2020 - present*

- Hosted admissions **tours and webinars** to 250+ prospective students to make engineering feel more **accessible and inclusive** to everyone; shared personal anecdotes around research, interdisciplinary studies, and extracurriculars

**BallotReady**, *Software Engineering Intern*

*May 2021 - Aug 2021*

- Initiated web **accessibility** project from ideation to deployment on Voter Guide built with **Typescript** resulting in a 40% improvement in accessibility regarding keyboard navigation and accommodations for screen reader technology

**Facebook**, *Software Engineering Intern*

*Jan 2021 - Apr 2021*

- Developed an entirely new debugging tool built with **GraphQL**, **React**, and **Hack** for the Candidate Scout software that decreased the bug triage time by 25% with a column-organized display of logs throughout the search algorithm
- Improved Candidate Scout recruiting results by 20% by adding employment and education to the matching algorithm

**Unmasked Project**, *Software Engineering Intern*

*Aug 2020 - Jan 2021*

- Implemented **chat redesign** overhaul with 50% more efficient message retrieval and updated push notifications and moderations tools, which resulted in an expansion to over 30 college campuses and increasing app activity by 45%
- Increased user count by 65% to 8000 on our **React Native** mental health community app with **Node.js** backend

## LEADERSHIP

**Design for America**, *Co-President and Design Lead*

*Aug 2020 - present*

- Designed and created tree catalogue on **Figma**, helping plant 50+ trees in using the design thinking process
- Led team to build prototype for shower caddy to promote sustainable personal care products, designed in **TinkerCAD**

**Code Haven**, *Co-President and Coding Mentor*

*Aug 2019 - Dec 2021*

- Led **coding lessons** for 500+ local middle school students and coordinated with 80+ mentors for classroom teaching
- Increased **social media** reach by 95% with graphic design; organized a CS education conference with 60+ educators

**Women and Gender Minorities in CS**, *Co-President and Social Chair*

*Aug 2019 - May 2022*

- Increased event attendance by 20% by **fostering community** for 85+ womxn; created CS resource guide with over 30 student opportunities; **organized events** including a summer experiences panel, WGiCS families, and a symposium

## PROJECTS

**Clothing100**, *Technical Director*

*May 2022 - present*

- Led **product management** meetings for technical team to plan sprints using **Agile** software development process
- Initiated work on app with a **SQL backend** to allow students to borrow/rent clothing items seamlessly

**EcoEat**, *CodeGreen Dandilyonn SEEDS*

*Apr 2020 - Aug 2020*

- Published **React Native** app empowering users to reduce food waste with **AdobeXD** prototypes from design process
- Implemented **Firebase** backend to curate recipes for users based on their current ingredients

## SKILLS AND INTERESTS

- Programming Languages:** *Advanced* (Python, Java, JavaScript, SQL), *Intermediate* (C, Racket, Swift, Ruby)
- Computer Technologies:** *Advanced* (React JS/Native, Android Studio, Git, UNIX, Figma), *Intermediate* (Xcode, Lightroom, Canva, Illustrator, Gatsby), *Beginner* (Adobe XD, InDesign, Photoshop)
- Language Skills:** Chinese-Simplified (advanced), Spanish (intermediate), ASL (beginner)
- Interests:** Sustainability and Environmental Conservation, Jump Rope, Open Style Dance, Song