

# Angela Yang

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## EDUCATION

### University of Washington

Seattle, WA

*Bachelor of Science in Computer Science | Interdisciplinary Honors | GPA: 4.0/4.0*

*Expected June 2028*

**Relevant Coursework:** Data Structures and Algorithms, Linear Algebra, System and Software Tools

## SKILLS

**Languages:** Python, Java, C, C++, JavaScript/TypeScript, HTML, CSS

**Frameworks and Libraries:** React, React Native, Next.js, Node.js, Express.js, Tailwind CSS, FastAPI

**Databases and Tools:** Git, Linux, PostgreSQL, Google Colab, Figma, Canva, Procreate

## EXPERIENCE

### Lead Teacher's Assistant

June 2021 – Sept 2024

*CS Wonders LLC*

*Redmond, WA*

- Designed and led Python and Java lab sessions for groups of 20+ middle and high school students
- Revamped company website and incentive system, increasing student outreach by 2,000+ users
- Trained and managed 15+ TAs, improving lesson quality and delivery consistency across 12+ courses

### AI Scholar

June 2023 – Feb 2024

*Inspirit AI Program*

*Virtual*

- Analyzed large-scale datasets in Google Colab, preprocessing data with pandas, NumPy, and scikit-learn
- Engineered and fine-tuned ML models (logistic/softmax regression, ridge regression, random forest), achieving an 88% accuracy rate in predicting student outcomes
- Extended the research with CNNs, RNNs, and LLMs, building prototypes for text sentiment analysis and image classification tasks

## PROJECTS

### Paint-A-Hike | *DubHacks 2025*

Oct 2025

- Developed a web app that transforms user sketches into real-world locations using ML-based image matching
- Engineered a backend integrating Segformer and CLIP models for semantic segmentation, IOU-based similarity ranking, and Gemini-assisted tagging
- Implemented dynamic UI with parallax and Framer Motion animations using Next.js, React, and TailwindCSS

### 1st Place - AQH Health | *EMP Hackfest*

Aug 2023

- Designed and implemented an app to track AQI levels and personalize health advice through the OpenAI API
- Developed the frontend and UI with JavaScript, HTML, and CSS to create a responsive user experience
- Collaborated with a 4-person team by managing version control in Git and coordinating design workflows in Figma

### Crane Game | *Girls Who Code SIP*

Jul 2023

- Implemented a search game using p5.js, where the player must find and collect paper cranes
- Created collection, platform, and CYOA games through a 2-week summer course along with 50 other students
- Engineered 50+ frames of dynamic sprite animations for player character and game items

## LEADERSHIP

### CSEED | *Design Engineer*

Sept 2025 – Present

- Collaborated with a 4-person design team in Figma to deliver cohesive designs for a community of 800+ members
- Enhanced design strategy by creating social media graphics, banners, stickers, and personalized name tags for buildspace members
- Directed a full visual rebrand initiative, establishing a refreshed brand identity, and creating a new website in Framer, integrating interactive and motion-based elements

### Redmond Code Association | *Design Lead*

June 2022 – Aug 2025

- Led the design strategy for social media graphics, banners, flyers, event branding, and merchandise
- Directed visual campaigns that contributed to reaching 6,500+ students across 32+ events, and the collection of 4,300+ pounds of e-waste through sustainability drives