

Selina-Tianxin Zhang

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EDUCATION

University of Washington

Bachelor of Engineering

Seattle, WA

Sep. 2026 – June 2026

EXPERIENCE

Computer programmer

Feb. 2025 – Jun. 2026

Thinking Beyond Education

Remote

- Worked on backend efficiency and data management projects; help developed a Discord chatbot.
- Utilized tools such as Google Colab, Overleaf, LaTeX, APIs, Vercel, and MongoDB.
- Collaborated with Google DeepMind.

Event Chief Officer, Internal Affair Officer

Sep. 2024 – June 2026

Stem Support

Remote

- Organized and led online STEM workshops, hackathons, and games.
- Successfully managed a team of 10+ people and communicated with multiple departments.
- Conducted 10+ volunteer interviews and assisted with executive selection.

Outreach Specialist, Webmaster

Oct. 2024 – July 2016

Young Minds Eye

Remote

- Outreached for partnerships and communicated with different parties.
- Designed, updated, and revamped the organization's website.
- Organized backend Google Drive and spreadsheets and applied strong computer skills.

PROJECTS

HealthWise MS | *JavaScript, React Native, Gemini API, Git*

Jan. 2023 – May 2025

- Developed a full-stack mobile app using React Native and JavaScript.
- Conducted market research, wrote business plan, and collected user feedback.
- 4 main features: an information search page with a chatbot, reminders page, map, notes page.
- Utilized multiple APIs and collaborated via Git.

Normal Sicily Research | *LLM, GPT 4o, RAG, Python, Git*

June 2025 – July 2025

- Developed data visualizations to analyze the settlement patterns of monasteries and fortifications in ancient Norman Sicily.
- Trained a chatbot using query tools, RAG, and GPT 4o.
- Used tools like LLM, Pearson Correlation, K-means clustering, ANOVA test etc.

OOTD Generator | *JavaScript, HTML/CSS, Vite, React, Git*

August 2026

- Developed a website using React and Vite that help user generate outfit based on the weather.
- Backend is hosted on Supabase, and frontend is hosted on Vercel
- Connected WeatherAPI for live weather.
- Users can upload clothing images via admin page.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML/CSS

Frameworks: React, Node.js, Vite, React Native

Developer Tools: Git, Docker, Vercel, Supabase, VS Code, Google Colab

Libraries: pandas, NumPy, Matplotlib

CERTIFICATIONS

Girls Who Code game development program | *August 2025*

Kode with Klossy web development program | *August 2025*

Cisco Intro to Data Science course | *November 2024*