

# Reina Takahara

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## EDUCATION

**Oregon State University**, Bachelor of Science-Computer Science, Web & Mobile App Dev **Corvallis, OR** | Exp Grad June 2025

- **Cumulative GPA:** 3.78 / 4.00, Dean's List
- **Skills:** Java, Python, HTML5, CSS, Javascript, AJAX, Node.JS, MongoDB, React.JS, React Native, Git, SQL, RESTful API, Express.JS, Kotlin

## WORK EXPERIENCE

**Full Stack Developer (volunteer) - One Community Global**, San Gabriel, CA, Remote

August 2024 to Present

- Delivered over 100 technical hours to enhance an open-source web-based application for team management; streamlined project coordination among 1,300 volunteers focused on sustainable living initiatives and community impact.
- Tackle high-priority tasks to develop, test, and debug new, efficient functionalities to manage large data sets.
- Enhanced application functionality with sorting and error-handling features.
- Crafted sorting algorithms that improved list management efficiency.
- Engineered robust permission management features that streamlined user profile access, enhancing security protocols.
- Achieved exposure to backend systems and database integration, contributing to the successful implementation of a user management feature.

**Full Stack Engineer (volunteer - winter term) - Develop for Good**, San Francisco, CA, Remote

November 2024 to February 2025

- Developed a segment of a gamified financial literacy app with a small team utilizing React Native and Backend-as-a-Service for a non-profit.
- Executed comprehensive device compatibility checks for the gamified financial literacy application; identified key discrepancies that led to improved accessibility on over different mobile devices and operating systems combined.
- Engineered a robust user authentication system using Firebase, enhancing security protocols and providing seamless access.

**Software Engineer, Full Stack Intern - Mission Technologies, division of HII**, Norfolk, VA, Hybrid

June 2023 to August 2023

- Developed seamless frontend functions for a 'battleship simulation' project, integrating live data from a MongoDB backend.
- Gained proficiency in SCRUM, an agile development methodology, participating in weekly sprints to execute tasks, discuss progress, address questions, and plan upcoming tasks.
- Acquired valuable teamwork experience, recognizing the importance of collaboration in achieving project goals.
- Executed comprehensive peer reviews, debugging, enhancing design, documenting, and testing.

## PROJECTS

**Oregon State University's DAM Robotics Club Website** - Largest student-led club on campus

- Redefined the online presence of Oregon State University's DAM Robotics Club through a comprehensive redesign process, resulting in enhanced brand visibility that facilitated a 20% increase in membership sign-ups. Hugo JS and Tailwind CSS.

**RoomieBoard** - BeaverHacks Fall of 2024 Hackathon ( 2 classmates)

- Created an innovative, user-friendly app targeting challenges roommates face with integrated features such as intuitive reminders and visual project tracking tools to minimize miscommunication during daily routines. React, Javascript, CSS, HTML5.

**Wanderful App** - Course Project ( 2 classmates)

- App simplifies creating, planning, and documenting social hangouts. Leveraging multiple APIs, the app generates coordinates based on the user's location and retrieves a list of nearby places to hang out. Developed routing and seamless API integration with the UI elements using HTML5, React, responsive CSS

**GPS Mapping App for Flip Phone** - Co-Project Manager for Senior Project (4 classmates)

- Responsible for creating and implementing responsive UI components, ensuring compatibility with a limited screen size, and integrating backend API's for location tracking, turn-by-turn navigation, route planning, and estimated arrival time. Utilizing RUST and Kotlin.