

FJ Tria

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Education

California State University, Fullerton

Master of Science in Software Engineering

Expected Dec 2025

Fullerton, CA

- **Relevant Coursework:** Systems and Software Standards and Requirements, Advanced Software Process

University of California, Santa Cruz

Bachelor of Arts in Network and Digital Technology

Jun 2024

Santa Cruz, CA

- **Relevant Coursework:** Software Engineering, Computer Graphics, Systems Analysis and Design

Work Experience

SproutLabs

Software Engineer Intern

Jan 2024 – Jun 2024

Santa Cruz, CA

- Updated the UI of the company splash page for both desktop and mobile, implementing in accordance with supplied Figma designs, improving the user experience and site efficiency.
- Collaborated within a four-person cross-functional team to design and implement an updated device registration API, resulting in devices being able to self-register to the cloud, enhancing accessibility and usability.

SpaceLab

Frontend Developer Intern

Jun 2023 – Sep 2023

Santa Cruz, CA

- Achieved timely deployment of two critical components for the web application Exoplanetarium, while adhering to Figma designs provided by the UX/UI team, enhancing the user experience upon launch.
- Contributed to project coordination by participating in agile project management techniques as part of a five-person development team, including Scrum board management and weekly stand-up meetings, resulting in optimized workflow and adherence to project timelines.

Projects

Pantry Pal | *React Native, JavaScript, Firebase*

- A mobile application built using React Native and Firebase, developed in eight weeks, with the goal of streamlining the grocery shopping and cooking processes.
- Offers a recipe management platform where users can publish, share, and download their favorite recipe cards to a digital recipe book.
- Enables users to automatically generate a list of grocery items needed to prepare selected recipes.

Technical Skills

Languages: Python, JavaScript, TypeScript, SQL, C, C++, Java, Go, HTML, CSS, Markdown

Technologies: React.js, React Native, Vue.js, Three.js, Node.js

Concepts: Agile Methodologies, Software Development Life Cycle, Information Systems, Object Oriented Design, Version Control, Algorithmic Complexity, Computer Architecture, Concurrency, APIs, Software Testing