

Jackson Tran

415-860-2320 | jackson.tran00@gmail.com | [linkedin.com/in/jacksontran1](https://www.linkedin.com/in/jacksontran1) | jacksontran.vercel.app

EXPERIENCE

Front End Developer

Sept 2022 – Sept 2023

OpenStreetMap

Remote

- **Worked in teams of 2-4 engineers** to tackle **Kanban** board issues from backlog to completion by brainstorming solutions, pair programming, and performing code reviews
- Developed a database analytics feature to **analyze 10,000+ data entries** using **React, JavaScript, and Scala**, providing a comprehensive understanding of user behavior and the performance of mapping challenges and projects
- Enable direct communication with website maintainers and expedite issue resolution by implementing an issue reporting feature that integrates with **GitHub API**
- Fostered a culture of a cross-functional team by collaborating with the back-end team to strategize APIs and the QA team to maintain high code quality

Lead Software Developer

Mar 2022 – Aug 2023

Tech4Good

Santa Cruz, CA

- **Led 3+ teams in the design and engineering** of complex **Angular-Firebase** web applications
- Collaborated with the research team to identify technical solutions for social computing projects, drafting implementation designs and requirements to guide development efforts
- Communicated with UI/UX designers in translating design concepts into user interfaces using **Angular, TypeScript and SCSS**
- Modeled **NoSQL** backend schema designs to better scale with relationships amongst entities with denormalization

Software Engineer Intern

Feb 2023 – June 2023

ChargePoint

Campbell, CA

- Collaborated with a team of test software engineers in implementing new testing features and methods using **Python**
- Enhanced testing productivity resulting in **70% faster test cycles** by building an **automated regression testing system** with **Jenkins** that validates the testing and embedded softwares
- Extended company's testing framework in Python to generate configurable test data presented in **JUnit-XML** format that visualizes in the Jenkins test report
- Created a Jenkins job model that serves as a replicable node, enabling the expansion of the **CI/CD** infrastructure to accommodate testing across other company products

PROJECTS

SF Ready Meals | *Full Stack Developer* | *React, Express, Sequelize, PostgreSQL, Heroku*

- **Full-stack web app** that offers detailed information and locations of organizations providing free hot meals to eligible citizens through the SFHSA's Congregate Meals Program
- Developed a robust administrative interface, employing **CRUD** operations, that allows organizations to modify their content in real-time
- Successfully met all project deliverables and sprint deadlines using **Agile Methodologies**, and presented the project to the SFHSA, where it is currently being adopted into their website

Support SFUSD | *Front End Developer* | *Next.js, TypeScript, Tailwind CSS, HTML, CSS*

- Web application addressing a significant challenge within SFUSD, offering a platform for users to actively support local schools
- Designed and implemented interactive features, including the schools page and global **UI components**, to streamline data collection and provide a user experience across devices using **responsive design techniques**

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS/Sass, Python, Swift, MySQL

Libraries & Frameworks: React, Angular, Express/Node.js, Django, NgRx, Next.js, Gatsby, Tailwind, Bootstrap

Tools & Platforms: PostgreSQL, MongoDB, Git, GitHub, Netlify, Vercel, Heroku, Docker, Firebase, Figma, Jenkins

EDUCATION

University of California, Santa Cruz

Bachelor of Arts in Computer Science; GPA: 3.9

Santa Cruz, CA

June 2023