

# Jackson Tran

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## EXPERIENCE

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### Full Stack Developer

June 2022 – Present

*SF Civic Tech*

*Remote*

- Build, style, and ship high-quality websites, design systems, and cross-platform digital experiences for a diverse array of civic technology projects using technologies such as JavaScript, TypeScript, React, PostgreSQL, Node.js, CSS, and more
- Work alongside product & project managers, designers, and other engineers to build creative technology to solve civic and social problems
- Lead the development and architecture of technical tools like content management systems, REST APIs, and continuous integration pipelines to fulfill industry standard projects

### Front End Developer

September 2022 – September 2023

*OpenStreetMap*

*Remote*

- Engineered and improved major features of OpenStreetMap's map data editing interface using React, JavaScript, CSS, Node.js, and Leaflet
- Developed a database admin analytics tool that allowed to analyze 10,000+ data points, offering an insight into user behavior and the performance of website data
- Implemented an issue reporting feature integrated with the GitHub API to enable direct communication between website users and maintainers

### Lead Software Developer

March 2022 – August 2023

*Tech4Good*

*Santa Cruz, CA*

- Led 3+ teams in the design and engineering of robust research-purposed web applications using Angular, TypeScript, NgRx, and Firebase
- Collaborated with the research team to identify technical solutions for social computing projects, drafting implementation designs and requirements to guide development efforts
- Provide leadership within engineering department through close collaboration, building tools to improve developer experience, and mentorship
- Spearhead lab-wide accessibility initiatives such as creating documentation for best practices, establishing a standard accessibility checklist for developers, and facilitating knowledge shares

### Software Engineer Intern

February 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

## EDUCATION

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### University of California, Santa Cruz

Santa Cruz, CA

*Bachelor of Arts in Computer Science; GPA: 3.9*

*June 2023*

## TECHNICAL SKILLS

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**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