

## Experience

<b>Lead Software Engineer</b>	<b>ECAD Labs Inc.</b>	<b>Nov 2022 - Oct 2024</b>
<ul style="list-style-type: none"><li>Spearheaded the design and maintenance of an open-source TypeScript library "Taquito" for the Tezos blockchain, achieving 293 GitHub stars and broad adoption over 50+ projects</li><li>Led a team of three engineers to deliver scalable solutions 2 weeks ahead of schedule 100% of the time</li><li>Served as the primary point of contact for other teams in the Tezos blockchain ecosystem, providing prompt technical support and smooth integration across 3 other wallet teams from different companies</li><li>Directed comprehensive refactoring efforts across our core codebase, reducing technical debt by 30% while maintaining backwards compatibility with previous versions</li><li>Advocated for developer success by engaging in GitHub discussions, resolving 100+ issues, and improving documentation for the community</li></ul>		
<b>Software Engineer</b>	<b>ECAD Labs Inc.</b>	<b>Nov 2021 – Nov 2022</b>
<ul style="list-style-type: none"><li>Actively participated in critical discussions and implementation choices to address protocol changes, propelling the Taquito library to become the number one most used framework for Tezos dApps</li><li>Wrote comprehensive integration tests to prevent regressions across protocol changes, promoting early bug discovery in all protocol updates, leading to 70% fewer critical bugs reaching production</li><li>Composed a technical documentation website for the Taquito open source library, written in React.js and Docusaurus, reducing the frequency of commonly asked questions by 50%</li><li>Built and maintained reliable blockchain transaction processing systems, securely handling over 4 million transactions monthly</li></ul>		
<b>Software Engineer in Test</b>	<b>Electronic Arts Inc.</b>	<b>Mar 2020 – Nov 2021</b>
<ul style="list-style-type: none"><li>Developed maintainable and scalable automated tests for both REST and GraphQL based APIs using TypeScript and testing libraries such as Mocha and Jest, ensuring more than 85% coverage</li><li>Monitored and resolved API and backend issues quickly in production using New Relic, Kibana, and logging tools, ensuring 99.9% uptime</li><li>Streamlined cross-team communication regarding testing needs, leading to 70% fewer integration issues during the development cycle</li></ul>		
<b>QA Test Engineer</b>	<b>Vipre Security</b>	<b>Sep 2019 – Mar 2020</b>
<ul style="list-style-type: none"><li>Contributed in the conception of a new branching strategy for test automation that allows efficient regression and smoke testing, removing the need for 2 hours of manual testing per release</li><li>Developed a new automation template generator for quick generation of automated integration and end-to-end tests using Go, reducing development time of new automation suites by 80%</li></ul>		

## Technical Skills

- Prog. Languages: TypeScript, JavaScript, Go, Python, C#, Java, C, C++, HTML/CSS, SQL
- Frameworks: Node.js, React.js, Express.js, GraphQL, Selenium, Jasmine, .NET, Spring
- Tools: Git, PostgreSQL, MongoDB, Vercel, Jenkins, Github Actions, Docker, Kafka
- Languages: English (native), Indonesian (native), Japanese (basic/conversational)

## Education

<b>Simon Fraser University</b>	<b>May 2015 – Apr 2019</b>
<ul style="list-style-type: none"><li>Bachelor's of Science in Computing Science; Graduated with Co-op</li></ul>	