

# Caleb Chiang, Software Developer Intern

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**Website:** <http://abptlnmoqe.ca01.qoddiapp.com/>

**Github:** <https://github.com/calebchiang/>

**Software:** Java, C, HTML/CSS, JavaScript, React, Unity, Express, Node.js, Git, and MongoDB

**Skills:** Problem-solving, critical thinking, effective communication, and teamwork

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## SOFTWARE EXPERIENCE

Feb 2023	<b>Global Game Jam 2023</b>	Vancouver
	<ul style="list-style-type: none"><li>• Collaborated with industry professionals in a high-intensity weekend hackathon to develop a fully-functional game, integrating expert input on graphics and audio to enhance gameplay experience.</li><li>• Engaged in rapid ideation and development processes, effectively utilizing team strengths to meet tight deadlines.</li><li>• Demonstrated strong project management and communication skills, facilitating seamless integration of diverse inputs from graphic designers and audio technicians.</li><li>• Presented the final game to an audience of peers and industry leaders, showcasing not only technical proficiency but also storytelling and user engagement capabilities.</li></ul>	
Jan 2023 — Apr 2023	<b>Side Guide</b>	Burnaby
	<ul style="list-style-type: none"><li>• Developed a pedestrian hazard alert system as a full-stack web application in collaboration with a team for an academic course.</li><li>• Leveraged a robust front-end technology stack including HTML, CSS, JavaScript, and Bootstrap 5.0 to deliver an intuitive and responsive user interface.</li><li>• Integrated Firebase 8.0 as a Backend-as-a-Service (BAAS) solution for secure data storage, user authentication, and real-time data updates.</li><li>• Utilized Google Maps API for accurate geolocation services, allowing users to pinpoint and navigate hazards effectively.</li></ul>	
Jan 2024	<b>Stock Analysis</b>	Burnaby
	<ul style="list-style-type: none"><li>• Comprehensive tool developed to enhance stock market analysis and investment strategies.</li><li>• Provides real-time stock data fetching that is facilitated through integration with the Alpha Vantage API.</li><li>• Allows users to organize stocks based on various filters such as market capitalization and highest yield, using the Quicksort algorithm.</li><li>• Front-engineered using React to provide a responsive and dynamic experience.</li><li>• Back-end infrastructure is built on Node.js, leveraging the Express framework to create a robust and scalable server-side platform. MongoDB is chosen for data storage.</li></ul>	

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## EDUCATION

Jun 2020 — Sep 2022	<b>Bachelor of Science (partial), Simon Fraser University</b>	Burnaby
	<ul style="list-style-type: none"><li>• Calculus I for the Biological Sciences, Introduction to Programming, Physics for the Life Sciences, Introduction to Logic and Reasoning, Introduction to Cognitive Psychology.</li></ul>	
Jan 2023	<b>Computer Systems Technology, British Columbia Institute of Technology</b>	Burnaby
	<ul style="list-style-type: none"><li>• Discrete Mathematics, Object Orientated Programming, Algorithms and Data Structures, Web Development, Computer Architecture, Operating Systems, Business Systems Analysis.</li></ul>	

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## EMPLOYMENT HISTORY

Jun 2022	<b>Lead Ground Service Agent, Strategic Aviation YVR</b>	Vancouver
	<ul style="list-style-type: none"><li>• Led and supervised a team of 4-5 ramp agents, ensuring efficient and effective under-the-wing services to aircraft in a high-pressure airport environment.</li><li>• Coordinated with cross-functional teams to ensure seamless aircraft servicing, demonstrating strong communication and organizational skills.</li><li>• Maintained strict adherence to safety regulations and operational guidelines, reducing risks and enhancing team performance during ground operations.</li></ul>	

