Jasper Wang

UBC Computer Science, 3rd Year | UBC Psychology Graduate '22

604-700-1820 | jasper8777@icloud.com | jasperwang.dev | linkedin.com/in/jasper-th-wang | github.com/jasper-th-wang

EDUCATION

University of British Columbia, *Bachelor of Computer Science Degree (BCS)	4.1 GPA*	Sep 2025 – June 2027 Est.
British Columbia Institute of Technology, *Computer Systems Technology Diploma (CST)	4.0 GPA*	Sep 2023 – Aug 2025
University of British Columbia, *Bachelor of Arts Degree, Major in Psychology*	Sep 2017 – Nov 2022

WORK EXPERIENCE

Software Developer Co-op (4 Work Terms), *BC Liquor Distribution Branch*   Vancouver, BC | May 2024 – Aug 2025

- Nominated as one of 6 candidates for BC Public Service's Student Employee Award: Excellence in Professional Development
- Developed Spring Boot and Angular application on Azure that reduced large-scale database operations from 2 days to 10 minutes, enabling analysts to change pricing data 288 times faster
- Architected and deployed Azure cloud infrastructure including App Services, API Management, Key Vault, Virtual Networks, Managed Identity, and Application Insights across 12+ environments using Bicep and GitHub Actions
- Resolved critical production bug causing client-side data loss by independently debugging unfamiliar legacy stack (Oracle Service Bus, SOAP), coordinating with networking and DBA teams to isolate causes in SOAP-to-JSON transformation layer

eCommerce & Digital Marketing Lead, *Earth Baby Outfitters*   Vancouver, BC | Sep 2022 – Sep 2023

- Led the transition from wholesale-only to retail operations by implementing a comprehensive eCommerce and marketing stack (Shopify, Gorgias), establishing direct-to-consumer channels through SEO optimization, Google Ads campaigns, omnichannel marketing (Email/SMS), and social media presence, enabling retail operations

Research Assistant, *Centre for Gambling Research at UBC*   Vancouver, BC | Sep 2019 – May 2020

- Collaborated with senior researchers to design and conduct behavioral economics experiments analyzing decision-making under risk (Prospect Theory) and loss aversion in problem gambling

PROJECTS

ReframeKit (iOS App) [link] | *SwiftUI, SQLite, GRDB, MVVM*   Dec 2025 – Present

- Built a cognitive behavioral therapy (CBT) companion app with a guided step-by-step reflection process to help users identify and reframe negative thought patterns, featuring robust SQLite persistence, automatic draft saving, and refined UI animations

Contextify (StormHacks 2025) [link] | *Chrome Extension, Google Gemini, JavaScript, API Integration*   Oct 2025

- Developed a Chrome extension leveraging Google Gemini API to provide contextual definitions and interpretations of selected text, enabling seamless language learning without disrupting reading flow

RainMate [link] | *Firebase, MapBoxGL JS, JavaScript, jQuery, Bootstrap, Git*   Sep – Nov 2023

- Implemented and optimized geo-queries in Firestore using geohashing, integrated with MapBoxGL JS, enabling real-time geospatial data visualization while serving as lead developer and project manager. Used Scrum to lead and mentor developers through sprints, resulting in the launch of an app now used as a course model for future terms

TECHNICAL SKILLS

Language: Java, Swift, C++, C, Python, Golang, TypeScript, JavaScript, Bash, PowerShell, Bicep, Lua, MySQL, HTML/CSS, SCSS
Frameworks: Spring, JUnit, Angular, React, React Native, Express, Astro.js, LibGdx, SwiftUI
Developer Tools: Git, Azure, Linux, UNIX Terminal, GitHub, Netlify, Firebase, VSCode, JetBrain IDEs, Vim, Xcode