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relocatable

Education

University of British Columbia

Vancouver, BC

Bachelor of Computer Science (GPA: 3.8)

Sep 2022 – May 2025

- Relevant Courses: Data Structures, Algorithms, Software Engineering, Databases, Machine Learning

Bachelor of Science in Pharmacy

Sep 2013 – May 2017

Technical Skills

Languages: Python, Swift, Java, TypeScript, SQL, JavaScript, HTML, CSS, Racket, C++*, C* (currently learning)**Frameworks/Libraries:** SwiftUI, React, Node.js, Express, Mocha, Chai, JUnit, pandas, NumPy, Matplotlib, Sklearn**Developer Tools:** Git, Charles, Postman, Jira, Docker

Work Experience

Software Engineer Intern

May 2024 – Present

Wave Financial

- Solely responsible for the reports subdomain within the Payments team, leading the redesign according to Domain Driven Design principles during a significant transition to a new provider. This includes moving from cron schedules to webhooks and Kafka event streaming, utilizing Python and Django to improve system efficiency and reliability.
- Engage in the full development life-cycle by creating investigation Confluence docs, generating Jira tickets and defining acceptance criteria, conducting unit and integration tests with CircleCI, deploying with Kubernetes via Teleport, and monitoring system health with Sumologic and DataDog.

iOS Developer Intern

Jan 2024 – Apr 2024

VRIFY Technology Inc.

- Revamped critical iPad and iPhone views by migrating legacy UIKit to SwiftUI, reducing code complexity by 65% and cutting development time by 20%.
- Improved features utilizing the Combine framework to streamline data handling; developed algorithms to resolve race conditions arising from asynchronous processing of diverse data types, including complex 3D models.
- Collaborated with product managers, designers, and testers to refine tickets and clarify acceptance criteria, achieving a 95% on-time delivery rate of production-level code and eliminating related user complaints by 100%.

Pharmacist-In-Charge

Feb 2020 – Aug 2022

Sobeys National Pharmacy Group

- Optimized operations for 120+ stores by reducing order turnaround from 3 weeks to 1-3 days in 4 months; within 1 year achieved 70% regulatory compliance, a 20% reduction in labor costs and a 40% improvement in error-related losses by challenging the status quo, strategically using pharmacy software, and developing audits and training.

Projects

Repo Relay | React, Redux, Express, Node.js, Mongoose, MongoDB

May 2024 – Aug 2024

- Designed robust schemas and optimized data models for a collaborative coding platform, ensuring seamless backend integration.
- Engineered a RESTful backend by developing Node.js/Express endpoints for Projects, Comments, and Tasks, ensuring secure and efficient data management.
- Enhanced search functionality by implementing reactive search and sorting components with Redux, boosting project discoverability and user engagement.

Volunteer Experience

President

Dec 2022 – Dec 2023

Bachelor of Computer Science Student Association

- Spearheaded initiatives including Hackathons, workshops, and mentorship programs, empowering 380 students to excel in networking, collaboration, and leadership while strengthening their technical skills.
- Sole winner of the prestigious **Rajan Family Award (2023)** and recipient of the **Student Community Building Award (2024)**, nominated by UBC's Department of Computer Science for exceptional leadership and community service.