



TECHNICAL SKILLS

Programming Languages: Swift, JavaScript, TypeScript, Java, Dart, Python, GraphQL, HTML, CSS
Databases, Frameworks, Libraries: Redux, Node.js, React, Firebase (NoSQL), Flutter, PostgreSQL
Others: Jira, Git, Junit, XCTest, XCode, Mocha

EXPERIENCE

Software Engineer Co-op (iOS Mobile), [Realtor.com](#)

Sep 2021 – Apr 2022

- Pioneer the refactor of the authentication and login layer from MVC to a Composable Architecture (Redux) framework
- Transition the Realtor.com iOS app from REST to GraphQL for core feature network calls
- Take ownership over features related to the user's account, authentication, and navigation experience
- Write detailed unit tests over features developed and support Quality Engineering in bi-weekly testing

Assurance Associate / Digital Accelerator, [PwC Canada](#)

Sep 2018 – Mar 2020

- Used Alteryx & Tableau to automate repetitive tasks processing, and visualizing multiple fiscal years' worth of financial data
- Assessed financial statements of multi-million dollar companies for compliance with GAAP (IFRS & ASPE)

SOFTWARE PROJECTS

[Course Grade & Campus Room Explorer](#)

Mar 2023

Technologies: TypeScript, Express, Svelte, Mocha

- Created an intuitive Svelte front-end enabling querying historical course grade information using an EBNF schema
- Efficiently parse JSON and HTML files using asynchronous TypeScript Promises to store relevant course & room information
- Connect front & backend using REST HTTP methods to enable CRUD functionalities

[Payment Processor Simulator](#)

Aug 2022

Technologies: React, PostgreSQL, JavaScript, Express

- Design and model a relational database for a payment processor in PostgreSQL
- Create HTTP endpoints in JavaScript on an Express/Node.js backend to enable CRUD functions
- Create re-usable React components to rapidly iterate on a front-end to demo transactional flows

[Discord Hackathon Bot](#) ([Repo](#))

Dec 2020

Technologies: Node.js, Discord.js, Discord API, Firebase Real-time Database

- Created a Discord bot that enables the creation of hackathon teams and basic team management functions
- Used Firebase's Real-time Database to store and retrieve hackathon details, teams, and team member information

HACKATHONS

[AuditApp](#) - Hack the North 2021 ([Devpost](#))

Technologies: MongoDB, Express.js, React.js, Node.js, Google Cloud Document AI API, Google Cloud Storage API

- Created a platform for financial auditors to manage requests for documentation from their clients
- Use JavaScript to parse relevant financial information from invoices using Google Cloud Document AI and Google Storage API

EDUCATION

Bachelor of Computer Science, 4th Year,

Expected Graduation Apr 2024

The University of British Columbia, Vancouver, BC

Bachelor of Commerce (Accounting), Minor in Management Information Systems

Sep 2013 – May 2018

The University of Alberta, Edmonton, AB

EXTRACURRICULAR

Vice-President, [Bachelor of Computer Science Student Association](#)

Jan 2021 – Dec 2021

- Organized 28 social and career development events for BCS students in connection with alumni & employers
- Successfully planned a hackathon for BCS students with \$4,000 in prizes and ~70 registrants