

SKILLS

Programming Languages: JavaScript, Python, C++, Java, SQL, HTML/CSS

Tools & Frameworks: React/React Native, Redux, Node.js, Express.js, MongoDB, PostgreSQL, Git

WORK EXPERIENCE

Incoming Software Engineer Intern | RBC Capital Markets

Toronto, ON | Sep 2021 - Dec 2021

- Quantitative & Technology Services Team

Software Engineer Intern | Fidelity Investments

Toronto, ON | Jan 2021 - Apr 2021

- Responsible for redesign and redevelopment of tax statement generation page on tool used by 1,000+ advisors
- Revamped front-end design and back-end logic to reduce required clicks for retrieving tax statements from 9 to 2
- Redesigned fund information webpages with ~5,000 unique weekly visitors to include updated performance charts and disclaimers ahead of ETF stock split

QA Automation Engineer Intern | Fidelity Investments

Toronto, ON | May 2020 - Aug 2020

- Automated UI testing for trade processing tool used daily by 100+ employees, which reduced testing time for tool by 85%
- Wrote automated regression tests for a tool used by 1,000+ financial advisor clients to validate fund exchanges, which revealed deficiencies in 25% of transaction types and prompted development team to implement required updates

PERSONAL PROJECTS

OrderBud | React Native, Redux, Express, Node, MongoDB

- Built prototype of marketplace app for IOS & Android that enables users to discover and transact with local businesses
- Architected in-app social network to allow users to share and recommend businesses with friends
- Implemented multiple user roles to allow store owners to manage store profiles, update inventories, and track sales
- Utilized the Google Distance Matrix API and Google Places API to serve geographically relevant businesses to users

Flashback | React, Express, Node, PostgreSQL

- Developed photo repository that enables users to upload collections of memories and tag them with details associated with that memory; tagging powers a search-rank algorithm that facilitates natural language search of memories
- Enabled users to perform CRUD operations on uploads and integrated JWT authorization to secure access to APIs

Settlers of Catan | C++

- Built Catan by employing OOP principles such as inheritance, polymorphism, abstraction, and encapsulation and implementing an Observer design pattern

EDUCATION

University of Waterloo

Expected May 2024

Bachelor's of Computer Science

Relevant Coursework: Data Structures, Algorithm Design, Object-Oriented Programming, Sequential Programs, Calculus II

Community Involvement: Men's Varsity Squash Team (Ontario University Athletics Silver Medalist Team)

Awards: President's Scholarship of Distinction, President's Academic Honour Roll

HONOURS & INTERESTS

Honours: OUA Varsity Squash **Rookie of the Year** (2020), **Member of Team Canada** Pan-American Junior Squash Championships (2019), **Double Medalist** at Canada Winter Games (2019)

Interests: Music / Saxophone, Working Out, Cooking, Travelling, NBA Basketball