

Skills Summary

- Languages: JavaScript, C++, C, Python, Java, HTML5, CSS, Bash
- Technologies: Firebase, Express.js, Vue.js, React, Gatsby, jQuery, Node.js, git, REST API, Linux
- Experienced with Cloud Databases, Object-Oriented Programming, UI Design and Testing

Work Experience

University of Waterloo (Cynorix)

Waterloo, ON

Software Developer: Secure File Sharing

May 2021 – September 2021

- Tech Stack: Express, Firebase, Google Drive API, Microsoft Graph API, Twilio Authy, CryptoJS, JavaScript, HTML
- Developed account maintenance features (changing password, phone number, security questions, removing account), free/premium tiers for users and a spreadsheet feature detailing files the logged in user had access to.
- Increased Security by adding MFA with SMS (Twilio Authy), encrypted Security Questions/Answers, randomized initialization vector for AES encryption (for files) and an account locking system for suspicious behaviour.
- Ported the Secure File Sharing app from Google Drive to Microsoft OneDrive using Microsoft Graph API.

Radiius

Toronto, ON

Full-Stack Developer/Co-founder (Volunteer Position)

May 2020 – November 2020

- Tech Stack: Vue.js, Firebase (Authentication, Storage, database), Node.js, JavaScript, git
- Developed a web-based business dashboard for a customer service/review app, using Vue.js to develop the front end, and using Firebase storage and Firestore to store user data/images

Projects

FilePass

<https://myfilepass.herokuapp.com/index.html>

- Tech Stack: Firebase Storage, Node.js, REST API, JavaScript, HTML5, CSS3, git
- Developed a file sharing service designed around user convenience and accessibility by using randomly generated 6-digit codes as keys to download files shared by other users.

CourierU

<https://courieru.herokuapp.com/index.html>

- Tech Stack: MongoDB Atlas, Bootstrap, Mapbox, Radar.io
- Developed a service for foodbanks to coordinate deliveries to those in need during the COVID-19 Pandemic by receiving requests and then mapping out efficient delivery routes for drivers.
- Featured in an article on the official MLH website

Success Stories of New Canadians

<https://immigrant-success-canada.netlify.app/>

- Tech Stack: ReactJS, Gatsby, jQuery, Netlify CMS, Node.js, JavaScript, git
- Developed a blog site showcasing the stories of Canadian Immigrants as part of a competition in which my team won second place.
- developed responsive and mobile-friendly UI

Education

University of Waterloo

Candidate for Bachelor of Computer Science (Co-op)

September 2020 – Present

Awards and Certifications

- NSERC Undergraduate Student Research Award (2021)
- Google Cloud Platform: Essentials (2019)
- Canada Computing Contest Student Honour Roll (2017)