

## EMPLOYMENT

### TAX AUDIT SOLUTIONS

Junior Programmer

Sept. 2018 to Sept. 2019

- Developed a task management web application by applying principles of Angular, Angular Material, TypeScript, RxJS and the LAMP stack
- Added key component features to drastically improve new company software by strategically synergizing with supervisors
- Deployed full-stack web application on Google Cloud Platform and established its high-driven features to the management team
- Implemented technical requirements from business requirements and maintained requests for features such as UI and user stories
- Tested, validated and refactored code to ensure proper functionality, robustness and reusability

## PROJECTS

### UNIVERSITY COMPANION APP

Oct. 2020 to Dec. 2020

- Collaborated efficiently in a team to develop a mobile application to provide a companion experience for university students
- Integrated features such as account registration and management, empty classroom finding and event management with Open Street Maps
- Implemented persistent data storage to store local preferences and user data was stored in Firebase
- Developed in Dart, Flutter, Open Street Maps, Firebase and other native Dart libraries.

### MOCK AUCTION SYSTEM

Jan. 2020 to Apr. 2020

- Communicated and worked effectively in two separate teams to create a mock auction house with administrative and standard purposes
- Designed a text-based frontend that allowed user interactions through specific text commands and a backend in Java that would carry out documented transactions
- Featured transactions included buying and selling products, account creation, deletion and account management
- Validated and dynamically tested the frontend and backend using bash scripts and JUnit
- Leveraged knowledge in Java, C++, JUnit and bash scripting

### MOCK AIRBNB WEBSITE

Mar. 2018 to Apr. 2018

- Cooperated in a team to create a mock Airbnb web-based application
- Featured account registration, account management and location searching using Google Maps API
- Implemented in HTML, CSS, NodeJS, MongoDB and other libraries including jQuery and Bootstrap

## EDUCATION

### Ontario Tech University

Sept. 2016 to May 2021

Bachelor of Science Co-op Computer Science 2021

Relevant Courses: Database Systems and Concepts, Web Applications Development, Analysis and Design of Algorithms, Mobile Devices, Software Quality Assurance

## SKILLS

**LANGUAGES:** JavaScript/TypeScript, Dart, HTML/CSS, Java, Python, C++, PHP

**FRAMEWORKS & LIBRARIES:** Angular, RxJS, Angular Material, Flutter, NodeJS, Bootstrap

**DATABASES:** MongoDB, PostgreSQL, MySQL, Firebase

**VERSION CONTROL:** Git

## ACCOMPLISHMENTS

### geekspeak commerce · HACK FOR GOOD

Mar. 2021

- Developed and pitched a mobile app that featured the concept of accurately comparing your exercise body postures to professionals

### Canadian Tire · CANADIAN TIRE HACKATHON

Oct. 2020

- More than 1000 applicants were screened and only the top 50 applicants were admitted
- Collaborated with a team of five to solve several dynamic problems that required innovative thinking