

## Skills

- Experience with **Angular**, **React** and **Node.js**
- Proficient in **Python**, **Typescript** and **SQL**
- Experience in building **RESTful API** interfaces
- Well-practiced in utilizing **Git** version control
- Professionally tested **collaboration** skills
- Adept in **efficiently learning** new technologies
- Seasoned in **Agile** methodologies
- Well-experienced in **debugging large systems**

## Experience

### Full-Stack Team Lead and Python Developer (Intern)

University Health Network - Kidney Health Education and Research Group

Sep 2021 - Dec 2021

4 Months

- Planned and implemented a **PHP**-based templating and component system that significantly improved the **efficiency** of creating over 30 new web pages, **streamlining** the **development process**
- **Successfully led and collaborated** work between a team of 5 in the maintenance, revamping, and implementation of features **across multiple company websites**
- Utilized **Python** and **SQL** to maintain a daily automated emailing system that efficiently queried hundreds of data records to identify patients requiring notification and provisioning of the appropriate questionnaires
- **Designed** internal bug transparency system that **automatically ran tests** and used **external APIs** that create job tickets if a failure was detected

### Software Developer (Intern)

Ministry of Education - Ontario Public Services

Sep 2020 - Apr 2021

8 Months

- Delivered a **useable end product** through the **agile methodology**, which included weekly sprint meetings with both **business stakeholders** and **development team members** across dozens of sprints
- Utilized **Angular** framework pipes and services to implement features that **efficiently filtered and sorted** hundreds of data entries from **REST API** calls hosted in **SharePoint**, improving data organization and **accessibility**
- Developed over 70 unit test suites using the **Jasmine** and **Karma** frameworks to ensure thorough coverage and **effective, bug-free operation** of all components and services
- Collaborated through **Azure DevOps** and **git** source control to manage files and user stories throughout the development process over dozens of releases leading up to and following the launch

## Relevant Projects

### Full-Stack Developer

Storytelling/Voice Chat Web App

Jan 2022 - Apr 2022

4 Months

- **Developed RESTful API** and **GraphQL** endpoints in Node.js and Express to handle **CRUD requests** using **asynchronous** code internally
- Utilized **middleware** to **authenticate** users, **encrypting sensitive data** in backend and **maintain sessions using cookies**
- Integrated **web sockets** and audio JavaScript library into **React** frontend to broadcast and **cache** multiple sound effects, improving efficiency and enhancing the user experience
- Querying **MongoDB** database to store user and app chat room information to allow for **persistence** across all sessions

### IOS Developer

Expenditure Tracking App

Sept 2023

1 Month

- Rapidly learned **Swift**, **SwiftUI** and **Xcode** through documentation, online lectures and developer forums in order to develop a full featured expense tracking app over the span of two weeks
- Applied **MVVM** design pattern to separate **presentation logic** from **application business logic** to improve maintainability and development of additional features
- Utilized **coredata** to **model** expenditure and category data to allow for **persistence** of user information

## Education

Honours Bachelor of Science, University of Toronto

Computer Science (Specialist in Software Engineering) Co-op

Spring 2023 Graduate