

Skills and Summary

About Me

Recent graduate with 1 year of internship experience and over a decade of software development experience through education and projects.

I have experience leading under Agile methodologies, as well as a deep understanding of software fundamentals.

Languages

JavaScript
Java
Python
HTML / CSS
C++ / C #
SQL

Technologies

Docker
REST API
Node.js
Git
jQuery
React

Data

MySQL
Postgres
Oracle DB
AWS S3
Elasticsearch
MongoDB

Internship Experience

Blockchain Developer

June 2019 – October 2019

University of Toronto

- Worked with a professor to introduce a blockchain course to U of T
- Created a working cryptocurrency from scratch using Node.js, NoSQL database MongoDB and Hyperswarm for peer-to-peer networking. Purpose is for use by students in assignments
- Required extensive work with data-structures, algorithms, (e.g. Merkle Trees) and cryptography to improve performance and enable core cryptocurrency features such as consensus

Full Stack Developer

January 2019 – May 2019

University of Toronto – BRIDGE

- Created backend for a data analytics platform, consisting of: Node.js RESTful API, MySQL database, Metabase analytics, and NGINX reverse proxy; all running in Docker on cloud servers
- Created the DevOps system for a team of developers; used Docker Compose to configure and deploy environments, and used Watchtower, Docker Hub, and GitHub to build the continuous integration (CI) pipeline
- Project was deployed to production in 4 months and collected non-identifiable data from thousands of Toronto immigrants, resulting in meaningful improvements for social services in the Scarborough area

Web Developer

September 2016 – May 2017

Public Services and Procurement Canada

- Worked with Oracle DB, Adobe ColdFusion, IIS and ASP.NET to repair and maintain a large intranet codebase. Fixed nearly 100 bugs and started a well-received website redesign
- Took employee feedback and implemented features, e.g. search and filtering functionality. Resulted in greatly improved productivity for co-workers and demonstrates customer service

Education

University of Toronto Scarborough (UTSC)

September 2014- November 2019

Graduate - Bachelor of Science

Computer Science Specialist - Software Engineering Stream (Co-op)