Zahin Mohammad

Software Developer

4th Comp-Eng student with 2 years in professional software development seeking internship and full-time opportunities

zahin.mohammad@uwaterloo.ca ✉

647-574-7627 📱

Toronto, Canada 📍

zahin.mochahub.io/ 🌐

linkedin.com/in/zahin-m in

github.com/zahin-mohammad ◯

WORK EXPERIENCE

Software Engineer
Lumina Inc.

09/2019 – 12/2019   *San Francisco, California*
Cryptocurrency Portfolio Management (now acquired by BitGo)
Achievements/Tasks

- Decreased client transaction sync time by up to 83% for internal users
- Integrated 10+ blockchain and exchange connection API's
- Refactored Ethereum data ingestion to scale with thousands of Ethereum tokens
- Developed tools to validate Lumina ledgers against exchange API's
- Utilised knowledge of golang, postgresql, python, git, reactJS, gooq

Software Engineer
Aterica Inc.

01/2019 – 04/2019   *Waterloo, Ontario*
Smart epipen case (epipen case and mobile application)
Achievements/Tasks

- Fixed bugs and added additional infrastructure logging in a Spring (java) server
- Assisted in developing an alert system when a user leaves an area without their epipen case (geo-fence)
- Increased manufacturing server code coverage by 44% through unit testing in Junit and Jmockit
- Assisted in software verification via smoke tests and feature testing
- Utilised knowledge of Java, git, Spring and AWS

Android Developer
University of Waterloo Psychology

09/2017 – 12/2017   *Waterloo, Ontario*
Achievements/Tasks

- Created an Android game to collect information on how users react in various endgame outcomes
- Implemented CSV export feature for Game statistics (recorded while research was in progress)
- Implemented audio recording for user responses
- Implemented game settings for researchers to adjust research variables/ parameters
- Utilised knowledge of Java, and Android

SKILLS

Golang Kotlin Java Python Javascript

Dart C/C++ NodeJs Spring Flask

ReactJs Redux Flutter MySQL Docker

Git PostgreSQL Data Mining

EDUCATION

BACHELOR OF APPLIED SCIENCE IN COMPUTER ENGINEERING
University of Waterloo

09/2016 – Present   *Waterloo, Canada*
Courses

- Software Design and Architectures
- Cooperative and Adaptive Algorithms
- Compilers (89%)
- Reinforcement Learning
- Database Systems (89%)
- Algorithms and Data Structures (81%)

PERSONAL PROJECTS

Social Media PoC (04/2020 – 04/2020) ⬈
- Social media proof of concept for database system course final project
- BCNF database design
- Sample data mined from github API using python
- ReactJs frontend, NodeJs backend, MySQL database

Power Meter (11/2019 – Present) ⬈
- Mobile application to weight-lifting progress and muscle recovery
- Utilised kotlin, coroutines, room persistence, and material design
- Implements Firebase Auth with email verification
- Transitioning to Flutter for cross-platform development

EZplanner (11/2018 – 02/2019) ⬈
- Course planning tool to find courses a student can take based on their transcript
- ReactJS frontend, microservice backend in python and NodeJs
- Implements Firebase Auth with email verification
- Used by 20% of Electrical and Computer Engineering 2021 cohort