


Rolf Li

 rolfli.ca  rolf.x.li@gmail.com  linkedin.com/in/rolfli  github.com/rolfxli  647-261-0782

Technical Skills

Languages: Java, JavaScript, C, C++, C#, Python, Scheme

Frameworks: Node.js, Angular 2+, Express.js, React.js, JUnit

Data Management: MySQL, MongoDB, PostgreSQL

Developer Tools: Jira, Docker, SVN, Git, Oracle SQL Developer, Amazon EC2/S3

Experience

Application Software Developer | Bank of Montreal **May 2019 – Aug 2019**

- Developed backend file processing applications with **Java** used by multiple active clients
- Refactored internal common-use Java classes to improve developer efficiency
- Designed Java tools to modernize, enhance, and replace legacy COBOL functions
- Conducted **JUnit** testing and managed documentation for continued future reliability

Web Developer and Lead of Finance | World in Focus **Aug 2016 – Aug 2018**

- Co-founded student run non-profit with the goal of eradicating vision diseases
- Coordinated with design team to handle and email **100+** donors and visitors a month
- Developed **Node + Angular** stack to deliver registration, donation, and other web services

Projects

Wildlife Tracking System | Hack the 6ix **Aug 2019**

- Developed a **Python** script to process information from **Amazon Rekognition**
- Implemented a **Node + Angular** stack to dynamically display live images and statistics
- Utilized **Mongoose** library to query **MongoDB** and handle frequently updated information

Wathub **July 2019**

- Designed aesthetically pleasing **XML**-based user interfaces for an **Android** application
- Developed a **Java** backend utilizing Toast, Patterns, and other widgets and services
- Built an important dates tracker and other services with the University of Waterloo API

Discord Music Bot **May 2019**

- Developed a user-input based music bot with **Node.js** to deliver music streaming features
- Created a YouTube search feature to allow users to directly search for target audio or video
- Linked user stream history with **PostgreSQL** for users to track music plays and actions

Awards and Recognitions

Top 10 Hack | Hack the 6ix **Aug 2019**

Pwn2Win 2018 Competition 2nd Place | Pwn2Win **Nov 2018**

CSAW 2018 Top 5% International | NYU Tandon School of Engineering **Sept 2018**

Education

Bachelor of Computer Science | University of Waterloo

(Expected) **2018 - 2023**