

Rolf Li

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Technical Skills

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

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

Data Management: MySQL, Firestore, PostgreSQL

Developer Operations: Jira, Docker, SVN, Git, Oracle SQL Developer, Firebase, Amazon EC2

Experience

Software Developer | Bank of Montreal

May 2019 – Aug 2019

- Developed backend file processing services with **Java** used by multiple active clients
- Refactored internal common-use Java classes to improve developer efficiency by 1.5x
- Conducted **JUnit** testing and managed documentation for continued future reliability

Web Developer and Head of Finance | World in Focus

Aug 2016 – Aug 2018

- Co-founded student run non-profit with goals 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

Wathub

July 2019

- Designed aesthetically pleasing and functional **XML**-based user interfaces
- Built a **Java** backend utilizing **Toast**, **Patterns**, and other widgets and services
- Developed Google Calendar support and retrieved API data to track important dates
- Implemented a user feedback system using **Retrofit** to track suggestions, names and emails

Discord Music Bot

June 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

Online Registration System

Dec 2018

- Developed a management-focused online registration service using **C#**
- Implemented a dynamic user interface with **ASP.NET** framework
- Utilized **MySQL** to effectively manage and manipulate user information in a database

Awards and Recognitions

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**