

Yumin Wu

Software Engineer

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🌐 Yumin Wu

🔗 yumin-wu

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TECHNICAL SKILLS

- **Programming Language:** Java, JavaScript, Python, PHP, C++
- **Framework:** Express.js, Spring Boot, AngularJS, CodeIgniter
- **Other:** React, Node.js, AWS, Firebase, SQL, MongoDB, Git

EDUCATION

University of Waterloo

Waterloo, ON

BMath. Computer Science & Statistics, Honours, Co-operative Program

Expected Graduation: June 2021

Relevant courses: CS454 Distributed Systems, CS456 Networks, CS458 Computer Security and Privacy

EXPERIENCE

Amazon Alexa

Remote - Vancouver, BC

Software Development Engineer I - Intern

May 2020 – Aug. 2020

- Improved public facing APIs to enable saving and retrieving work-in-progress data set in the ASR Evaluation tool
- Implemented new parsing, validating, saving and retrieving logic for data set in CSV and JSON format, in Java
- Implemented reusable table components with filtering and responsive status update in React
- Obtained experience with AWS infrastructures including EC2, DynamoDB, S3, and CloudWatch

SS&C Technologies

Toronto, ON

Full Stack Developer - Intern

Sep. 2019 – Dec. 2019

- Refactored Spring Boot backend services of subaccounting software, increased hourly transactions from 2 to 3 millions
- Implemented a POC document management wiki in Angular, and REST APIs for data operations

Achievers

Toronto, ON

Software Developer - Intern

Jan. 2019 – Apr. 2019

- Extended API functionalities to allow for requesting optional columns in CSV when accessing platform member data
- Refactored manager email service with 100,000+ users written in PHP and SQL, reduced cron run time by 30%
- Improved regression tests and unit tests, increased test coverage of manager email service by 50%

TD - TRMIS

Toronto, ON

Technical Business Analyst - Intern

May 2018 – Aug. 2018

- Automated report generation with Python scripts, reduced report generation time of security analysts by 30%
- Developed Python scripts to identify security pain points based on location, hardware, and severity with Qualys API

Information and Privacy Commissioner of Ontario

Toronto, ON

Jr. Web & IT Officer - Intern

May 2017 - Aug. 2017

- Developed strong communication skills through everyday in-person IT support

PROJECTS

Many Faces - React and Express.js

Sept. 2019

- A web app that detects faces in user uploaded photos, and ranks users based on number of faces found
- Integrated clarifai API's face recognition module and Passport.js for user authentication

Restaurant Picker for the Undecided - React

Jan. 2019

- A web application that aims to solve the vexing problem of "Where to eat?"
- Utilized Google Places API to randomly select a nearby restaurant within set kilometers