

Chufeng(Chris) Liang

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EDUCATION

UNIVERSITY OF WATERLOO

CANDIDATE FOR BACHELORS OF
HONOURS COMPUTER SCIENCE
(CO-OP)

LEVEL: 4A

Sept. 2016 - Present | Waterloo, ON

COURSEWORK

UNDERGRADUATE

- Operating System
- Distributed System
- Data Structure & Algorithm
- Database
- User Interface
- Object-Oriented Programming

SKILLS

Languages

- C/C++, C#, Java, Python

Web

- HTML, CSS, JavaScript, TypeScript
- jQuery, AngularJS, Angular, Spring Boot

Database

- HeidiSQL, PostgreSQL

AWARDS

- President's Entrance Scholarship (September 2016)
- Certificate of Distinction in Euclid Mathematics Contest (May 2016)
- Certificate of Distinction in Fermat Mathematics Contest (May 2015)

LINKS

Github: [chrispyliang](#)

LinkedIn: [Chris Liang](#)

Personal Page: [chrispyliang.com](#)

SUMMARY OF QUALIFICATIONS

- Experience in **Object-Oriented Programming** with **C++** and **Java**
- Familiar with **Agile** Development Methodology; capable of finishing tasks in strict deadlines
- Proficient in building front-end web sites/apps with **Angular 6** and **AngularJS**
- Highly experienced in building back-end web apps with **Java Spring Boot**
- Excellent oral and written communication skills

EXPERIENCE

LOTALTYONE / PRECIMA | WEB DEVELOPER (CO-OP)

Jan 2019 - Apr 2019 | Sep 2019 - Dec 2019 | Toronto, ON

- Involved in software development and product design for next generation LoyaltyOne products
- Redesigned the **database schema** of Precima User Management tool to manage users from multiple clients in one place.
- Created a bootstrap service which automatically updates **Auth0** roles and permissions with **Java Spring Boot** when server starts
- Implemented pagination for Precima Suite selection box using **Spring Data Pageable** and significantly reduced latency in page initialization
- Migrated the original Precima Pricing project with new components and services to use **Angular 6** and **Qlik Sense**
- Adapted Precima Suite to different languages and technical requirements of a client-specific locale with **angular-i18n**

OLAP VISION / XCELERATE | SOFTWARE DEVELOPER (CO-OP)

May 2018 - August 2018 | North York, ON

- Designed and implemented a front-end table template to display and edit data.
- Improved Audit History data-filtering with **AngularJS**, **C#**, and **SQL**
- Migrated several **ASP.NET** web pages to **AngularJS**
- Developed **Jenkins Pipeline** to replace hard-coded Jenkins builds. Configured Bitbucket with Jenkins to run unit tests when committing to a branch

360 EDUCATION LABS INC / YUJA | QUALITY ASSURANCE (CO-OP)

September 2017 - December 2017 | North York, ON

- Configured Eclipse with **Selenium WebDriver** and **TestNG**. Created the first **automated tests** with **Java** and **XML** to test the YuJa portal
- Tested YuJa **REST APIs** using **Postman** and **HeidiSQL**; created an API documentation together with a team member
- Implemented a **multi-threaded** YuJa REST API client application as a part of the functional specification.

SIDE PROJECTS

ANT WASH OFFICIAL WEBSITE | IN PROGRESS | COLLABORATIVE

- Built with **Java Spring Boot**, **Angular 6**, and **MongoDB**
- A website allows customers to post dry cleaning requests and employees can assign drivers to pick up their clothing.

SORCERY | A CONSOLE-BASED HEARTHSTONE-LIKE GAME

- Built with **C++** using **Decorator** and **Observer Design Pattern**
- Developed teamwork skills and gained experience in version control with **git** when completing the project with two teammates