Chufeng(Chris) Liang

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EDUCATION

UNIVERSITY OF WATERLOO
Candidate for Bachelors of Honours Computer Science (CO-OP)
Level: 3B
Sept. 2016 - Present | Waterloo, ON

SKILLS

Languages
• C/C++, C#, Java, Swift 3, Matlab

Web
• HTML, CSS, JavaScript, TypeScript
• jQuery, AngularJS, Angular, Spring Boot

Platforms
• Linux, MacOS, Windows

Tools
• Xcode8, Eclipse, Visual Studio
• Microsoft Word, Excel

Database
• SQL-based: HeidiSQL
• noSQL: MongoDB

Version Control
• Git

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 **TypeScript**
• Familiar with **Agile** Development Methodology; capable of finishing tasks in strict deadlines
• Highly experienced with **Ubuntu Linux** platform and **Unix Commands**
• Proficient in building front-end web sites/apps with **Angular 6** and **AngularJS**
• Self-motivated and efficient learner, passionate about exploring new areas
• Excellent oral and written communication skills

EXPERIENCE

LOTALTYONE / PRECIMA | Web Developer (CO-OP)
Jan 2019 - Apr 2019 | Toronto, ON

• Involved in software development and product design for next generation LoyaltyOne products
• Migrated the Precima Pricing project and created new components and services with **Angular 6**, **Java Spring Boot**, and **Qlik Sense**
• Improved Precima Suite quick filters and requirements validation with **Observables & RxJS**
• 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 table template to display and edit data. Replaced existing tables in Xcelerate web portal with the new table template
• Improved Audit History data-filtering with **AngularJS**, **C#**, and **SQL**
• Converted several **ASP.NET** web pages to use **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.
• Performed regression testing bi-weekly and wrote bug reports of a high quality

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