

# Chufeng(Chris) Liang

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## EDUCATION

### UNIVERSITY OF WATERLOO

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

LEVEL: 2B

STUDENT ID: 20650425

Sept. 2016 - Present | Waterloo, ON

## SKILLS

### Languages

- C/C++, C#, Swift 3, Bash Script, Racket

### Web

- HTML, CSS, JavaScript, REST API
- jQuery, AngularJS, Node.js

### Platforms

- Linux, MacOS, Windows

### Tools

- Xcode8, Eclipse, IntelliJ
- Vim, Sublime Text
- Microsoft Word, Excel

### Database

- SQL-based: HeidiSQL
- noSQL: MongoDB

### Version Control/Work Flow

- Git
- Unit testing

## 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
- Highly experienced with **Ubuntu Linux** platform and **Unix Commands**
- Proficient in building front-end web sites/apps with **HTML**, **CSS**, and **JQuery**
- Experience of building dynamic web sites/apps based on **MEAN** (MongoDB, Express.js, AngularJS, and Node.js) stack
- Self-motivated and efficient learner, passionate about exploring new areas
- Excellent oral and written communication skills

## EXPERIENCE

### 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 **C# 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

### TODO LIST | A TO-DO LIST SINGLE-PAGE APPLICATION (IN PROGRESS)

- Build a to-do list **REST API** using **Node.js**, **Express.js**, and **MongoDB**
- Add front-end in **AngularJS** to add interactivity and animation

### SORCERY | A CONSOLE-BASED HEARTHSTONE-LIKE GAME

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

### CHRISPYLIANG.COM | PERSONAL WEBSITE

- A simple website about myself hosted on Github
- Built with framework using **HTML**, **font-awesome CSS**, and **jQuery**

### FLAPPY BIRD | GAME CLONE

- A Flappy Bird game clone built with **Swift3** using **Sprite Kit**
- Worked with **Xcode8** developer tool

## AWARDS

2016	President's Entrance Scholarship	University of Waterloo
2016	Certificate of Distinction	Euclid Mathematics Contest
2015	Certificate of Distinction	Fermat Mathematics Contest