

Sally KyueHee Kim

3A Computer Science: ID# 20501832

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SUMMARY OF QUALIFICATIONS

- Proficiency in **C++** and comfortable in **Java**, **C#**, and **C**
- Working experience in **HTML**, **CSS**, **JavaScript**, **PHP**, **MySQL**, **VBScript**, and **BASH**
- Operating Systems: **Linux**, **Mac OS X**, **Windows**
- **Analytical** problem solver with strong mathematical skills
- Outstanding in **grasping concepts** and enthusiastically to contribute in real time work
- Excellent **team player** and capable **self starter** in agile and fast-paced environment

WORK EXPERIENCE

Software Developer @ Proofpoint

May 2015 – Aug. 2015

- Engaged as part of a team in developing a new **REST API** used to manage existing features, in order to accommodate loads that were possible through the UI
- Extended the product's existing alerting framework to monitor new types of conditions
- Added the test automation framework to support new features, reducing the amount of manual testing required for each release

Application Support Specialist @ TD Bank

May 2014 – Aug. 2014

- Participated in development of an application in **VBScript**, which optimizes tedious tasks in a Document Capture Software, and reduced the usual work time by more than 70%
- Coordinated meetings to report status of the project and make demos for clarifications

Website Board @ University of Waterloo MathSoc

Sep. 2013 – Dec. 2013

- Maintained, troubleshoot and updated the website as a team at UW Mathematics Society
- Established the ability to work independently and as a team while acquiring new skills

PROJECTS

Silent Schedule

Sep. 2015 – present

- In the process of building an **Android** mobile app that automatically silences the user's phone according to its Google Calendar schedule and optional user location

Personal Website

Jul. 2015

- Designed and implemented a personal website of **sallykim.me** using HTML, CSS, JavaScript, Bootstrap, and Git

Square Swapper

Dec. 2014

- Established a game application that uses advanced observer pattern in **C++**
- Offered graphical and text based user interfaces with similar guideline as Candy Crush

Black and White

Feb. 2014

- Developed an **Android** game app with Bluetooth connectivity for multiplayer functionality
- Implemented and designed the game algorithm for interactive brain teasing activity

UW API Program

Jan. 2014

- Programmed a Scheme application of user friendly functions utilizing the uWaterloo API
- Given required inputs for each function, it produces corresponding information such as course descriptions, lists of required course information, room status and etc.

ACTIVITIES

Executive @ Programming Club

Sep. 2013 – present

- Managed self-learning and peer-tutoring programming techniques and languages
- Held networking general meetings with other student and alumni developers in the field

Executive Marketing Officer @ University of Waterloo HFH

Sep. 2014 – Apr. 2015

- Managed club pages and website to update events and news in a timely manner
- Participated in the hiring process of other officers and interviewed the candidates
- Developed leadership and cooperative time management skills with other team members

General Member @ Computer Science Club

Sep. 2013 – Apr. 2015

- Studied new languages from information sessions held by the club executives
- Communicated with other members for new project ideas and technology news

Contestant @ Hack the North 2015

Sep. 2015

- A 36 hour hackathon hosted at University of Waterloo with 1,000 contestants
- Designed and initiated the implementation of a **web application** of delivery network system between users

EDUCATION

Candidate for Bachelor of Computer Science

Sep. 2013 – present

3A Computer Science, Honours, Co-operative Program, University of Waterloo, Waterloo, ON
University of Waterloo **President's Scholarship of Distinction**: admission average over 95%

Relevant Coursework:

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|---------------------|-----------|--|
| • Algorithms | (present) | • Data Structures and Data Management |
| • User Interfaces | (present) | • Object-Oriented Software Development |
| • Operating Systems | (present) | • Logic and Computation |