LUCY WANG

computer science student | *aspiring developer*

✉ lucy.wang@uwaterloo.ca
⌨ github.com/luciiw
☎ (519) 502 9128

SUMMARY

- **Languages:** Java (proficient); C (competent); JavaScript, CSS, HTML, PHP, XSLT (prior experience); C++, Python (learning)
- **Operating Systems:** Android, Linux, MAC OS X, Windows
- **Software/Tools:** git, JIRA, PushLink, Adobe Photoshop, Android SDK
- **Others:** mobile development, JUnit testing, MVC, SQL, Bootstrap, REST API, TDD, agile methodologies

EXPERIENCE

Software Developer, Raven Telemetry   *May 2015-Aug 2015*

- Developed an Android application for monitoring the efficiency of client production sites; involved in the design, development and testing phase
- Implemented two-way SSL authentication between the app and server; wrote bash scripts for the auto-generation of client certifications
- Independently implemented a dashboard for client payments with the integration of Stripe API; utilized Python, CSS, HTML and Javascript
- Wrote scripts for manipulating JIRA printable using XSLT and Javascript
- Worked in a startup environment following agile practices and TDD

Technology Director, MIA Volunteering Council   *June 2013-May 2014*

- Implemented a database for storing volunteer info with MySQL
- Planned & facilitated fundraisers, raising over $4000 in under 10 months

PROJECTS

Personal Website *(work in progress: lucywang.me)*   *Aug 2015*

- Created an interactive template using the Bootstrap framework
- Performed cross-browser testing with Sauce Labs

Automatic Volume Adjuster *(DeltaHack)*   *Feb 2015*

- Developed an Android app which changes the volume of a phone based on ambient noise

Sudoku Puzzle Solver   *Dec 2014*

- Used functional programming to develop a program for finding all possible solutions to any partially solved Sudoku puzzle

Computing Contest Solutions Database   *Apr 2013-June 2013*

- Utilized MySQL and PHP to programmatically sort all ECOO contest solutions; collaborated in a team of four through the SDLC

EDUCATION

Bachelor of Computer Science   *University of Waterloo, 2014-2019*

- Teaching Assistant for Calculus 1
- Dean's Honour List for 1A & 1B

AWARDS

Microsoft Scholarship 2015   *Microsoft, Washington, WA*

Top Ten Written- Business Administration   *DECA Ontario, Toronto, ON*