

Cherry Zhang

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EDUCATION

UNIVERSITY OF WATERLOO

BASC IN MECHATRONICS

ENGINEERING

Expected May 2018 | Waterloo, CA

Cum. GPA: 4.0

On Engineering Dean's List (top 10 out of 150 students)

LINKS

Github:// [phantomkirby](#)

LinkedIn:// [cherryzhang1995](#)

Twitter:// [@phantomkirby](#)

Blog:// [phantomkirby.blogspot.ca](#)

COURSEWORK

Intro to Programming

Data Structures and Algorithms

Digital Logic and Microprocessors

SKILLS

Proficient:

Java • Android • C++

Experienced:

C • HTML • CSS • JavaScript • VBA

Familiar:

MySQL • Python

VOLUNTEERING

Hackathon Workshop Mentor

- Mentor for two Japanese hackathons at hackathon providing company, DMTC

- Taught Android programming and git (STRUM) Students Teaching Refugees Universal Music

- Violin Instructor and lesson planner for young refugee children

UW Explorations

- Engineering Mentor for children interested in becoming engineers

HOBBIES & INTERESTS

- Orchestra (Violin) for > 4 years
- Real-time strategy video-games
- History and philosophy
- Blogging

EXPERIENCE

MICROSOFT SOFTWARE ENGINEERING INTERN

Expected May 2015 – August 2015 | Tokyo, JP

- Expected to continue to develop for Android Sway application

MICROSOFT SOFTWARE ENGINEERING INTERN

November 2014 – December 2014 | Tokyo, JP

- Designed and Implemented various algorithms and data structures for generating suggested content
- Improved the UI and UX experience on the Android client application, creating custom gesture features, etc.
- Designed and implemented various experimental ideas for the Sway application

IMAGGLE LEAD ANDROID DEVELOPER

August 2014 – October 2014 | Tokyo, JP

- Imaggie is a startup company that develops a specialized mobile e-commerce application for fashionable women in Tokyo
- Started developing the Android version of the already existing iOS application, being the lead developer, and making core decisions for the design of the product
- demonstrated leadership and co-operation between managing tasks for the UI/UX designer and the other Android developer at the start-up

RESEARCH

UNIVERSITY OF WATERLOO RESEARCH ASSISTANT

January 2014 – April 2014 | Waterloo, CA

- Developed a health application to help rehabilitate people with reading disorders by going through the entire software lifecycle independently and researched various academic literature on reading disorders and wrote a conference paper in the end
- Wrote all of the required software documentation about the application for various stakeholders (> 100 pages).
- Implemented, and debugged the entire application on Android, and tested side by side with a person with an actual reading disorder

SIDE PROJECTS (FULL LIST ON MY WEBSITE)

- HTML Parser (created the parsing algorithm myself)
- Bluetooth System Preventing Sexual Harassment (Top 5 in TechCrunch Hackathon)
- Multi-Platform Android Fitness Application (with ChromeCast, Mobile, and Wear) (finalists at JPHacks)
- Diagnostic/ Rehabilitative Android Health App for Feet Problems (using a sock with pressure sensors and accelerometers, and Pebble Watch as a notification receiver) (PennApps Hackathon)

AWARDS

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|------|---|
| 2014 | International Experience Award (academic excellence & international internship) |
| 2013 | President's Scholarship of Distinction (academic excellence) |
| 2011 | Business/Entrepreneurship Award (for Computer Science Studies in High School) |
| 2011 | Gold Medal in Waterloo Science and Engineering Fair for Biotechnology |