

Ryan Wang

University of Waterloo Software Engineering Candidate

s495wang@uwaterloo.ca

(289) 879 - 1798

ryan-wang.me

github.com/R-Wang97

ca.linkedin.com/in/shiruiWang

Skills and Qualifications:

- Over 3 years of programming and debugging experience in Java, VB, C, and C++
- Proficient with Java and knowledgeable with Object Oriented Programming from projects
- Working knowledge of HTML, CSS, JS, and jQuery self-taught from designing personal website
- Familiar with C, C++, Git, and Terminal/CMD through personal projects and programming courses

Projects:

Personal Website

Jul. 2015 – Present

- Designed, and implemented personal website from scratch using Adobe Dreamweaver
- Gained experience working with HTML, CSS, JavaScript, and jQuery to create webpages
- Incorporated Bootstrap elements such as a Carousel and Glyphs to enhance layout and appearance

Megaman X

Jun. 2015

- Programmed a version of Megaman by Capcom using Java, Eclipse IDE, and Photoshop
- Used Object Oriented Programming to implement a character, random enemies, and terrain objects
- Implemented file IO, and incorporated searching and sorting algorithms to display a score table

WATWatch

Nov. 2015

- Developed a basic smartwatch using C, a microcontroller board, and the Orbit Booster Pack add-on
- Read input from buttons, switches, accelerometer and temperature sensor to display data
- Implemented features such as a step and distance counter, timer, alarm, clock, and stopwatch

WatChewUpTo

Nov. 2015

- Programmed an Android application using Android Studio and Github
- Designed and implemented a searchable food database that the app would access and display
- Gained exposure to Android app development by coding the UI for the app, using XML and Java

Education:

University of Waterloo, Bachelor of Software Engineering

Sep. 2015 – Present

Sir William Mulock S.S., Ontario Secondary School Diploma

Sep. 2011 – Jun. 2015

Activities and Interests:

- Classical ARCT pianist who also enjoys Broadway and Film music
- Light reading on computer hardware developments and technological advances
- Modern physics including relativity, quantum mechanics, and string theory
- Reading novels; genres include Sci-Fi, Thriller, Mystery, and Classics