

Charlie Zhang

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1B Software Engineering

Projects

Vertical Shooter Game

November 2015 – present

- Currently developing an Android game using the Java game development framework libGDX

Personal Website

October, 2015 – December 2015

- Designed and developed a responsive, informational website for myself and utilized Angular, GreenSock, and jQuery
- Voyagr, Hack the North

September 18, 2015 – September 20, 2015

- Designed and developed a unique, location-based blog where travellers can blog about their trips by placing markers on a map
- Utilized multiple APIs such as Google Picker API, MapBox API, and Google Maps API

Lectorial, Tech Retreat

August 15, 2015

- Developed a native Android app for Waterloo students to connect with peers in the same courses and chat about the course content

GetOut!, SHAD Final Project

July 4, 2015 – July 31, 2015

- Used PHP, MySQL, and Bootstrap to develop a web platform where users can create profiles and match with people based on physical interests
- Built a fully functional messaging and buddy system that allowed users to add friends and message other users

Experience

Mikutech, London, ON

Programmer and QA Analyst

October 15, 2013 – August 30, 2014

- Developed the basic cutscene mechanics and assisted in the development of the UI for a casual game written in AS3
- Contributed to the development of a cloud based training site while communicating with the customer to ensure optimal satisfaction
- Wrote various PHP scripts to support the software development process and increase employee productivity
- Thoroughly tested software for bugs to ensure the highest quality

Education

Candidate for Bachelor of Software Engineering, Software Engineering

University of Waterloo, Waterloo, ON

September 2015 – present

Ontario Secondary School Diploma (Honours)

London Central Secondary School, London, ON

September 2011 – June 2015

Activities

SHAD Program, SHAD Fellow

July 4, 2015 – July 31, 2015

- Completed the SHAD program requirements, including creating a final design project

LCSS Programming Club, President

November, 2014 – June, 2015

- Founded the London Central S.S. Programming Club and worked with the team to develop a Java game

Awards & Achievements

VP of IT of the Year Award, JA

2014, 2015

Graduate, Dale Carnegie Training

September, 2014 – December, 2014

Interests

Gaming, piano, cooking, cartoons/shows, badminton, ping pong, reading