

HAIRUO SANG

INFO

CONTACT

Hairuo.sang@gmail.com
647 639 3459

LINKS

github.com/DawnOfHammers
www.linkedin.com/in/hsang

EDUCATION

UNIVERSITY OF TORONTO

H.B.Sc, Computer Science
Expected graduation, April 2019

SKILLS / TOOLS

DEVELOPMENT

Java
Python
C / C++
JavaScript
HTML5 / CSS3
Angular 2.0
React
Django
Wagtail
MongoDB

OTHER

Git / SVN
Bash
Agile / SCRUM
PhotoShop

HACKATHONS

ATTENDED

MHacks 8
AngelHacks Toronto
T.O Jam
YHACKS 3

WORK EXPERIENCE

APPLICATION DEVELOPER – CO FOUNDER AT ZHIYIN

Jan 2016 – Present

A social media app based on the use of music and sound. Built using Java, Libgdx, and RESTful web services. Migrated to iOS using RoboVM. Was given a deadline of 25 days to create a working demo. After many sleepless nights we built a demo that worked on phones within the same network. The app was presented at the Harvard China Forum and was received well, receiving multiple offers for substantial amounts of money.

- Lead development of backend (RESTful web services, Server Models, Services).
- Collaborated with designers to create the UI using Libgdx
- Solved concurrent modification of server models by introducing a reflection based merge system
- Worked well in an agile development environment
- Smoothly accommodated changes during the development cycle

JUNIOR PROGRAMMING ANALYST AT SEALSCRIPT

Aug 2015 – Present

Helped set up hardware (computers, servers, routers, Ethernet cables) for various clients. Current developing and maintaining the company website using Wagtail

PERSONAL PROJECTS

FACEPARSE() - jych.me/Frontal-Facial

A crowd analyzer web app used to view frame by frame demographic data of selected videos. Built using Angular2.0, Node.js, and CouchDB

- Built frontend using Angular2.0, laid out using Flexbox
- Designed UI / UX to be scalable across all platforms

SHIELD LIEUTENANT - github.com/DawnOfHammers/SL

An arcade style space shooter that relies on the use of shields rather than shooting. Built using Java and Libgdx.

- Designed behavior of player object
- Wrote a continuous laser that deflected off of certain surfaces
- Wrote a shield system that deflected certain weapon types