

ZHEHUI ZHOU

5604 Pocusset Street, Pittsburgh, PA 15217

grayy921013@gmail.com | (412) 251-9664 | GitHub: grayy921013

OBJECTIVE

To obtain an intern position in software engineering from 2017 summer

EDUCATION

Carnegie Mellon University

Pittsburgh, PA – Silicon Valley CA

Master of Information Technology - Mobility

Expected: June 2018

Relevant Coursework: Introduction to Computer Systems, Web Application Development, Introduction to Information Security, Storage System

The Chinese University of Hong Kong

Hong Kong

Bachelor of Engineering in Information Engineering, Minor in Computer Science

June 2016

Cumulative GPA: 3.63/4.00, Major GPA: 3.87/4.00(top 5%)

Honors: Dean's List 2011-2014 (top 5%), Yu To Sang Memorial Scholarship 2013-2015 (HKD 24000, top 5%)

TECHNICAL SKILLS

Programming Skills: Proficient in Java (Android), C, MySQL, Git and Linux; familiar with Objective-C, C#, PHP, JavaScript and Python

WORK EXPERIENCE

Alibaba Group

Hangzhou, China

Summer Intern, Android Engineer

June - Aug 2015

Developed new versions of the Android app Alibaba.com with colleagues

- Reconstructed the UI of the chatting page and created new functions including emoji and group chatting
- Researched 3+ open source projects to improve the existing image loading module
- Examined the structure of the event distributing module and message databases
- Created new functions related to friend request handling

Ideaslab

Hong Kong

Full-time Intern, Software Engineer

June 2014 - June 2015

- Acquired Android and iOS development skills from official documentation, Stack Overflow and GitHub
- Cooperated with colleagues to fix bugs and created new functions for existing mobile apps on both platforms
- Developed 3+ Android apps, including Magbean and Fody Tempus
 - Magbean
 - Designed an Android app for reading magazines provided by the backend server
 - Developed an admin panel based on the Yii framework and jQuery to manage the databases and files on the server and provide APIs for the mobile app to access data
 - Converted uploaded PDF files to JPEG format and encrypted each image automatically using PHP
 - Fody Tempus
 - Developed an Android app which communicated with sensors through Bluetooth Low Energy to retrieve, decode and display weather data, including temperature, humidity and wind speed
 - Explored AChartEngine library to plot graphs for all types of weather data

PROJECTS

Smart Watch (CUHK)

Sep 2015 – June 2016

- Explored 3 potential products after examining the HealthKit API and the newly published watchOS 2
- Designed and developed a workout-related game, which calculated users' effort based on users' heartbeat rate measured by Apple Watch
- Supported social network login and built a ranking system to let users compete against their friends

Tiny Cloud Storage Application (CUHK)

Nov 2014

- Developed a portable storage application that can be run on Linux and Windows using C
- Modification of files on clients was captured and transmitted to the server, and then synchronized all other clients
- Supported thread-pool mode to serve multiple clients simultaneously, and also supported persistent HTTP connection, HTTP range header and conflict management