Zejian Zhan

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Summary

- Experienced in Mobile application development, especially in Android
- Excellent communication skills with UI/UX developer and back-end co-workers through the past intern jobs
- Strong abilities of self-learning and searching for solutions to troubleshoot problems

Key Skills

Android Programming, iOS Swift Programming, C & C++, Java, Python, Arduino, PHP, x86 Assembly Language, SQL, Angularjs Framework

Education

The Vanderbilt University 2017
Master of Science: Computer Science
GPA: 3.67/4.0
Nashville, TN

Fu Jen Catholic University 2015
Bachelor of Science: Computer Science and Information Engineering
GPA: 3.6/4.0 Rank: 3/55
Taipei, Taiwan

Work Experience

Vanderbilt University Medical Center, Nashville, TN November 2015 to Present
Student Research Assistant

- Developing an interactive healthcare application for bridging communication gap between patients and doctors on iOS platform within a team of six members

Enjar International Co., Ltd, Taipei, Taiwan September 2014 to June 2015
R&D Intern

- Worked within a R&D team of five members to develop anonline food ordering for Android O2O system
- Developed an ordering system that can split, merge, change tables, and interact with the back-end tablet for passing the menus to kitchen andbetter monitoring and managing data by illustrating different sheets
- Gained knowledge of software design pattern and applied it into the implementation.
- Edited the internal Wiki with clear documentation ofimplementation log and API in/out parameters
- Used open source project "*greenDAO*" and "*RabbitMQ*"

Course Project

Model Integrated Computing Final Project-*WebGME-Meta-Wizard* October 2015 to January 2016

- Worked within a team of three members to develop a web-basedWizard with Angularjs Framework for people to create meta-models more easily
- Implemented the project with Angularjs Framework, and used HTML and CSS for the UI interface

Principles of Operating System(II) Coursework September 2015 to December 2015

- Implemented a simple concurrent program "*Palantiri*"based on MVP architecture
- Implemented many Android concurrency mechanisms: Semaphore, synchronized statement (Intrinsic Lock), ReadWriteLock, ReentrantLock, Barriers, AsyncTask Framework,ThreadPoolExecutor and IPC(Using AIDL)

Graduate Project-*iKnow* December 2013 to December 2014

- Led a team of four members to design and implement a Q&A system for Android platform
- Used Android SDK, PHP, MySQL and GCM to design an asking-, answering-, and recommending-question platform
- Combined Open-source library *ListViewAnimation* with fragment-driven well-designed UI