Heiru Wu

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Educational Background

- ChangGung University, Taoyuan City, Taiwan(R.O.C)
- Bachelor of Electronic Engineering, Expected June 2015

Relevant Courseworks

- Computer Programming (JAVA and C++), Object-Oriented Programming, Data Structure
- Machine Learning, Numerical Method, Computer Networks, Networks security

Related Skill

Programming skills in the following languages:

- Java, git, Matlab, C++, MySQL, Terminal, Python, Assembly language, Verilog, HTML
- Android development with both Android Studio and Eclipse

Experience

Undergraduate Research Assistant, Parallel Processing and SoC Lab (CGU)

Nov 2014 - Present

- Designed and developed applications running on Android System to communicate with microprocessor under Bluetooth protocol
- Researched, designed, test and programmed algorithms for data packet transfer

Software Development Intern, Industrial Technology Research Institute

Summer 2013 and 2014

- Developed software for OpenMAX implementation on Android system
- Researched, designed and test real-time video streaming codec on Android
- Bluetooth communication software development between Android wearable and devices

Award

- First Place of Minisrey of Education 2014 National Microprocessor Application System Design and Innovation Contest Award
  - Development of Four-wheel LEV with Intergrated Power Chain and Driving Monitoring System
  - Team position of designing and developing UI for dashboard and back-end monitoring system
- Educational Award sponsored by JunyiAcademy of 2014 NTU Hackathon
  - Redesigned and intergrated web profiles for professors
  - Team position of developing mobile application to interact with web service