Mr Zhehao Ding
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Education Background and Awards

Nanjing University of Posts and Telecommunications (NJUPT), Nanjing, Jiangsu, China

Sept 2010 - June 2014

BEng in Network Engineering; Overall GPA：79.1/100   Major GPA：80.0/100

- 2013   Second-class Prize of National Undergraduate Electronic Design Contest in "Frequency Characteristic Analyzer".
- 2012   First-class Prize of Jiangsu Province Undergraduate Electronic Design Contest in "Network Impedance Analyzer".
- 2013   Second-class Prize of Innovative Electronic Design Contest, NJUPT.
- 2013   Excellence Prize of Extracurricular Academic Works Technology Competition (Rhythm generator), NJUPT.
- 2012   First-class Prize of Innovative Electronic Design Contest, NJUPT.
- 2011-2013 Academic and Discipline Competition Scholarship, NJUPT.
- 2010-2012 Third-grade Scholarship, NJUPT.

Research & Project Experiences

Investigation in Cloud Computing Techniques   **August 2014 – Present**

- Worked with Beijing Adjacent Tech Inc. and Microsoft Innovation Center to investigate the service providers of cloud computing;
- Investigated the service items, charge ratios, and the service performance of several service providers, such as Alibaba Cloud, Sina Cloud, Tencent Cloud, etc;

Remote Control High-Voltage Transmission Cable Inspectional Robot via Intelligent Wireless Communications   **June 2012 – June 2013**

Supervisor: Dr. Tao HE

- Participated in the National Undergraduate Scientific and Technological Innovation Training Program as part of this project;
- Developed and examined several methods to minimize the interference of high-voltage transmission in wireless video transmissions;
- Wrote a program in C Language to allow the video transmission from a camera to a computer, and use the computer to control the movement of the robot that carried the camera.

Monitoring System of Raw Materials in the Warehouse of Huaiyin Cigarette Factory, Jiangsu Province

November 2012 – May 2013

- This project was to develop the monitoring system to transmit environmental parameters, such as humidity and temperature, in the raw materials warehouses to the gateway, and then to the plant monitoring and show these parameters in the control room;
- Involved in the development of the communication protocols, wrote receiving and sending procedures for an MCU and MCU wireless wake-up systems, and designed the hardware of monitoring module.

MCU Based Two Wheels Self-Balanced Vehicle Control System, NJUPT   **March 2012 – June 2012**

- Participated in a project aim to develop the self-balance control system for the two-wheel vehicle using MCU controller;
- Designed, manufactured for the gyroscope and accelerometer circuits and hardware filters, and wrote the procedures for data interface functions and software filter programs.

Extracurricular Activities

Students' Association for Science and Technology (SAST), NJUPT

2012-2013, Director of SAST Studio

2011-2012, Deputy Minister, Ministry of electronics, SAST.

Students' Association for Science and Technology (CAST), College of Telecommunications & Information Engineering, NJUPT

2012-2013, Minister, Ministry of electronics, CAST.

2011-2012, Lecturer, Ministry of electronics, CAST

Ganjiaxiang Primary School, Nanjing, Jiangsu Province   **September 2010 - December 2010**

Taught third grade students as a weekly voluntary computer teacher.

Professional Skills

C and embedded C programming, C++ , PCB Layout, and VHDL