Haochen Wang

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EDUCATION

Stony Brook University, Stony Brook, NY

M.S., Electrical Engineering Candidate, Expected graduation, Dec 2015

- GPA 3.8/4.0
- Other than finishing all required courses in Electrical and Computer Engineering department, I also enrolled in some courses such as algorithm, graph theory in Computer Science Department.

Beijing University of Posts and Telecommunications, Beijing, Beijing
B.E., Communication and Computer Engineering, Jun 2013

- GPA 3.5/4.0
- Graduate as top 20% among 600 students.

WORK EXPERIENCE

STONY BROOK UNIVERSITY SENSOR CAT LAB, Stony Brook, NY

Computer Engineer, Sep 2014 – May 2015

- One-year working experience with other Employees and PhD Students.
- Work on an individual industrial project making a comprehensive embedded system detecting the color composition and light intensity of an object.
- Required to use C++ to program the chip offering a great chance to gain proficiency in software program.
- The system involves microcontrollers, light sensors and multiple ADCs in core control circuit, as well as a serial communication interface and a LCD display to capture real-time data flow.

STONY BROOK UNIVERSITY, Stony Brook, NY

Teaching Assistant, Aug 2013 – May 2014

- Lead discussion sections, tutorials, or laboratory sections.
- Evaluate and grade examinations, assignments, or papers and record grades.
- Schedule and maintain regular office hours to meet with students.
- Complete laboratory projects prior to assigning them to students so that any needed
- modifications can be made.
- Provide assistance to faculty members or staff with laboratory or field research.
- Other than completing all required responsibilities, I'd been working with the instructor on his own research projects.

NATIONAL COMPUTER NETWORK RESEARCH LAB, Beijing, CHINA

Research Assistant, Dec 2012 – Jun 2013

- Work on senior graduation thesis in a national computer network research lab in Beijing.
- Write programs to verify and authenticate the data conducted by my partner.
- Work with a graduate student on the topic of Multi-path TCP communication involving the knowledge Named Data Network which was part of the "Deployment of Next Generation Network" topic.

PROGRAMMING AND DESIGN SKILLS

- Proficient in C++ and Java
- Know Matlab, VHDL and Linux System.
- Embedded system design, Eagle PCB design