

Enbang Wang

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Objective:

To obtain the software intern position .

Education:

Binghamton University, State University of New York
Watson School of Engineering and Applied Science

Master of Science in Electrical Engineering
GPA 3.00/4.00

Expected May 2014

Northeastern University at Qinhuangdao
Bachelor of Science in Electrical Engineering

May 2012

Technical Skills:

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|-------------------------|----------|--------------------|----------|
| • C/C++ | • JAVA | • PLC | • PSPICE |
| • HTML (Basic concepts) | • MATLAB | • Microsoft Office | |

Technical Courses:

Cmos Vlsi Circuits & Architecture, Digital System Design, Optics Electro, Biosensors and Bioelectronics, Wireless Communication

Current Courses: System On A Chip, Electric Drives

Relevant Experience:

UHS GERD Disease Tracking Android APP, Binghamton, NY

Oct '12 – Dec '20 2013

- Created a mobile app targeting at Gastroesophageal Reflux Disease (GERD), mainly focusing on three symptoms including heartburn, regurgitation and indigestion, and tracking patients daily representative food.
- Used machine learning model to predict the condition of patients.

Graduate-level Project Experience:

Binghamton University

- Design and simulation of CMOS and Domino full adders using PSPICE.
Project Description: Design CMOS and Domino full adders. Compare the output response of them. Use PSPICE to do power analysis to find out which one has less power consumption.
- Design a two-stage Op-Amp Circuit using Cadence, Mentor Graphics.
Project Description: Establish the schematic of an Op-Amp Circuit by Mentor Graphics and analyze the circuit (DC analysis, Transient analysis, and AC analysis.) to improve its performance.
- Design a Bio-MEMS Silicon Micropump Using ANSYS.
Project Description: Use ANSYS to design a silicon micropump. Find the working mode of the micropump by frequency simulation.

Leadership Experiences:

Leadership Volunteers and Orientation Assistants, Binghamton, NY

Aug '05 – Aug '19 2013

- Assisted staff and 15 orientation assistants in providing excellent service to students and their visiting families.
- Collaborated with 4 different offices to ensure proper knowledge and a smooth transition for new students.
- Gave presentation to help students learn more about life and academic in school.

Internship:

Qinhuangdao tobacco machinery Co., LTD, Hebei, China

Jun '1 – Aug '10 2011