Matthew TW Huang

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516 Ceder Glen Drive Apt. 3
Fort Wayne, IN 46825
(401) 499-5057
Looking to reallocate to the Massachusetts/New England Area

EDUCATION:

University of Connecticut, Storrs, CT
Bachelor of Science in Electrical Engineering
Minor in Mathematics
GPA: 3.6/4.0 Tech GPA: 3.7/4.0
Graduation date: May 2011

EXPERIENCE:

Raytheon, Network Centric Systems, Fort Wayne, IN – Systems Engineer **Summer 2011-Present**

- Working with various engineers to create and verify requirements based on customer needs
- Address technical issues with implementation solutions on a software program
- Familiar with system engineering procedures and tools at CMMI Level 5

General Dynamics Electric Boat, Groton, CT – Intern **Summer 2010, Winter 2010**

- Worked with engineers in Ship Control involving design and verification
- Exposure to systems engineering and integration
- Experience working in large teams with individuals with diverse specialties

Chemistry Main Stockroom, Storrs, CT – Specialist **9/2007 – 5/2010**

- Catalogued and tagged inventory of chemicals and other products
- Received shipments and provided proper storage of chemicals
- Trained new employees

Smart Air Station, University of Connecticut - Project **Fall 2010- Spring 2011**

- Designed and built Smart Air Station for tire station to sponsor's requirements
- Worked in a diverse group of engineers
- Experienced budget and schedule constraints

Solar Powered Pump Storage Device, University of Connecticut – Project **Spring 2010**

- Designed and produced a device that stored energy from solar panels
- Stored energy by pumping water to a higher elevation
- Used microcontroller to control when energy is stored or released under specific conditions

RELATED COURSES:

- Communication Systems
- Digital Integrated Circuits
- Electromagnetic Fields and Waves
- Microprocessor Application Laboratory
- Power Electronics
- Control Systems Analysis
- Digital Logic Design
- Micro/Opto-Electronic Devices
- Numerical Methods in Scientific Computation
- Signals and Systems

ACTIVITIES/AWARDS:

- IEEE Member-Vice President 2007-2011
- Eta Kappa Nu- Electrical and Computer Engineering Honor Society 2010-2011
- Tau Beta Pi- Engineering Honor Society 2010-2011
- Association for Computing Machinery-Member 2010-2011
- Various Locations-Volunteer/Tutor 2006-2012
- University of Connecticut Leadership Scholarship 2007-2011
- Tennis Team (Captain 2006-2007) 2004-2007

SKILLS:

- Comprehensive analytical and problem solving skills
- Strong work ethic and ambition to achieve objectives
- Capability to work independently and with co-workers
- Familiar with IBM Rational DOORS
- Ability to utilize Cadence PSpice, LabVIEW, and LogicWorks
- Comfortable using Microsoft Windows and Unix
- Experienced with computational programs including Mathematica and MatLab
- Skilled in using C++ and Java for programming