

MARK STEVENS

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OBJECTIVE

To secure an engineering position where I will contribute to mechanical, electrical, and computer systems design and integration.

EDUCATION

North Carolina State University, Raleigh, NC
University of North Carolina Asheville, Asheville, NC
Bachelor of Science in Engineering, Concentration in Mechatronics, May 2010
NC State and UNC Asheville joint degree program
3.1 GPA Overall, 3.5 GPA in Major

Relevant Courses: Computer Control of Robots, Advanced Robotics Lab, Design of Complex Digital System, Principles of Automatic Control

PROJECTS

Remote Control Door Lock, Team Leader

- Designed and developed infrared remote controlled door lock with programmable channels and security authentication.

Fire Fighting Robot, Team Member

- Developed remote controlled robot capable of extinguishing a small camp size fire.

EXPERIENCE

BorgWarner Thermal Systems, Fletcher, NC

Engineering Intern, Summer 2009

- Created wiring diagrams for Kitako machines, including ladder diagrams and PLCs.
- Worked with vendor to choose proper digital sensors for two different machines.
- Designed brackets to position sensors on assembly line.
- Worked with technicians to create machine documentation.
- Learned the function and contribution of different units in a manufacturing facility.

College of Engineering Summer Programs, Asheville, NC

Workshop Assistant, Summer 2008

- Designed and led a week long summer camp for high school juniors and seniors interested in Mechatronics.
- Organized and led activities involved in the building and exploration of an autonomous robot.
- Developed leadership and project management skills.

Work 20 hours/week while in school in customer service positions. Requires strong time management and organizational skills.

COMPUTER SKILLS

Linux, Java, Ladder Logic, ProE, SolidWorks, AutoCAD, Matlab, Simulink

LEADERSHIP INVOLVEMENT

IEEE, Secretary
Arvin Meritor Scholarship, recipient
Mission trip to Costa Rica, construction crew