

Emily Elderman

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OBJECTIVE:

To obtain an engineering position at a successful company, where my skills and education can be enhanced and effectively used in a team orientated environment.

EDUCATION:

Purdue School of Engineering & Technology, IUPUI

Graduation: May 2015

Bachelor of Science in Electrical Engineering

Related Courses:

- Probabilistic Methods in Electrical Engineering
- Simulation, Modeling, Identification
- Microprocessor Systems and Interfacing
- Feedback Systems Analysis and Design
- Foundations of Advanced Engineering
- Advanced Electric/Hybrid Vehicle Systems

SKILLS:

- **Software Packages:** Publisher, Excel, Word, PowerPoint, Visual Studios, Pegasus Robot Simulation 2, ROBO Pro, PSpice, Pro-E, Inventor, Visual Studio, CNC Motion for Intelitek CNC
- **Programming Languages:** Matlab, Maple, C, C++
- **Electronics:** Circuit Analysis, Signals and Systems, and Power Electronics
- **Operating Systems:** Windows (95-98-XP-Vista-7), Mac (OSX)

PROJECTS:

Energy Harvester - Senior Design

Fall 2014

- Designed generator to create electrical energy with human movement
- Created requirements, design options and design document
- Designed circuit for charging a cell phone battery from generator output
- Created Eagle CAD drawing for final circuit design

Microprocessor Systems and Interfacing

Spring 2014

- Created a program to simulate a bank vault
- Utilized Assembly code and C code to write program

EXPERIENCE:

Kohls Columbus, IN

September 2012 - Present

Sales' Associate

- Provide excellent customer service
- Shipping and receiving
- Assemble home goods

HONORS/ACTIVITIES:

- Customer Service Award - Kohls September 2013
- Four Years C4-Project Lead the Way Pre-Engineering Excellence Award May 2012
- Project Lead The Way (PLTW), Mentor August 2012 - May 2013
- Dean's List Honors Fall 2013 - Present
- Mathematics Tutor at IPS August 2010 - Present