

Nathan Auch

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OBJECTIVE

To obtain full time job starting in the summer of 2017.

EDUCATION

Michigan Technological University Houghton, MI
B.S. Electrical and Computer Engineering Expected April 2017
GPA: 3.01

Relevant Courses:

Hardware Software Integration • Systems Programming • Control Systems • Enterprise

EXPERIENCE

Manpower – Contracted to Motorola Solutions Schaumburg, IL
DC Power Distribution Team May – September
- Worked with a small group to run both AC and DC power to 2013, 2014, 2015
radio system servers and equipment
- Calculated and balanced current loads across multiple circuits

Robotic Systems Enterprise (Student Led Business) Michigan Tech
- Worked with a partner to create control software for an Spring 2015 – Present
automated robot
- Held position as Financial Business Officer responsible for
purchase orders
- Worked as project leader for submersible team designing
underwater research platform
- Currently working to de

IEEE Member Michigan Tech
- Collaborated with a team of students to restore a 3D Fall 2014
printer on campus

BonzAI Brawl Michigan Tech
- Designed a competitive artificial intelligence to play games Spring 2013, Spring 2014
against 2-3 opponents with a three-man team in eight
hours

Undergraduate Research Michigan Tech
- Worked to implement Inverse Design Algorithm for May – September 2016
textures on solar cells with the goal of increasing their
efficiency.

SKILLS

Languages

Java • C • MATLAB • MIPS (Assembly) • Verilog

Software

Eagle • Multisim • P-Spice • Simulink • Linux • ROS

Hardware

Oscilloscope • Function Generator • Nios II (embedded-processor)