

Thomas A. Kita

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Objective

To obtain a Summer 2017 internship position

Education

Michigan Technological University
BS Electrical Engineering
GPA: 3.87

Houghton, MI
Expected May 2018

Work Experience

Malbrit Mechanical, Inc.
Shop Technician

Wausau, WI
June 2011 – August 2016

- HVAC fabrication including programming plasma table
- SDS safety training, fall protection training, scissor lift training
- Machinery operation and jobsite experience

Michigan Technological University
ECE Learning Center Coach

Houghton, MI
September 2016 (ongoing)

- Help struggling students to better understand electrical engineering subjects
- Provide walkthroughs of examples for students
- Work with students as individuals and as groups
- Gain communication and teaching skills

Engineering Project Experience

Michigan Technological University Enterprise Program – Robotics Systems Enterprise

Project: Great Lakes Research Center Buoy

Project Objective: Implement sensors and new code into the GLRC buoys in order to conserve and monitor power.

- Electrical Engineering team member
- Inspected ports and determined the appropriate power sensors to use

Michigan Technological University Engineering Fundamentals

Project: Wind Turbine Design

Project Objective: Design and test a wind turbine that would be the most efficient and generating power.

- Design and create small scale wind turbine
- Ran MATLAB simulation and physical tests
- Worked with a team of 4 first year engineers
- Worked to plan, organize, and present the project

Computer Skills

MATLAB • Multisim/Simulink/PSpice • C/C++ • NX • Quartus • Mathematica/Wolfram Alpha
Excel • ARM

Leadership and Awards

- Dean's List (2014-2016)
- Eagle Scout Award
- Leadership Learning Community: MTU (2015-2016)

Co-curricular Involvement

Robotics Systems Enterprise • IEEE Honors Society • ECE Undergraduate Advisory Board