

# 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