

Eric Wiitanen

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EDUCATION

Bachelor of Science in Biosystems Engineering

May 2017

Michigan State University (East Lansing, MI)

- Concentration in Biomedical Engineering
- Dean's List
- Biosystems Engineering Club Media Chair

GPA 3.4

Fall 2012, Spring 2015-Present

Spring 2016-Present

EXPERIENCE

Teaching Assistant for BE351 Thermodynamics for Biosystems Engineers

August 2016-Present

Michigan State University (East Lansing, MI)

- Helped grade homework and mentored students for a better understanding of thermodynamics
- Opportunity for a **leadership role** in assisting students with assignments and material
- Communicated with professor, coworker and students at appropriate levels of seniority

LCA of Renewable Energy Source Involving Biomass BE469

Spring 2016

Michigan State University

- Analyzed and compared processes for the conversion of corn stover to biobutanol
- Experience in research, literary analysis and technical writing
- Multiple opportunities to hone **communication** and presentation skills in bi-weekly and final presentations

Engineering Analysis of Biological Materials BE230

Spring 2013

Michigan State University

- Researched the supply chain of corn from growth to ethanol facility
- **Hands on experience** at ADM Corn Storage Facility in Grand Haven MI
- Devised a method to reduce corn spoilage and increase profit

SKILLS PROFILE

Biological Lab Experience BS171

Fall 2013

- Introduced to laboratory protocol and basic lab procedure
- Performed experiments to identify the composition of various biological materials

Electrical Lab Experience ECE345 BE334 ECE445

Fall 2015, Fall 2016

- Hands on experience with circuit building, OP-AMPS, transistors sensors and other components
- Programming experience with microcontrollers and analog to digital signal conversion

Experience in Microsoft Office EGR102 BE332