

Karis Middleton

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Education

Michigan State University; East Lansing, MI

B.S. Biosystems Engineering

- Expected May 2017
- GPA 3.09/4.00

Projects

- BE 385 Engineering Design & Optimization – Researched and drafted a riparian zone for agricultural fields so that farmers could reduce the amount of watershed going into Lake Erie, which caused huge algal blooms.
- BE 485 Biosystems Design Techniques – Designing a solution for isolating and purifying sugar out of sugar fines containing many other components

Related Experience

General employee

Summer 2016

Boar's Head; Holland, MI

- Acquired knowledge of health and quality standards above FDA regulations
- Operated in the packaging of premium delicatessen along a conveyor line
- Motivated team members to accomplish effective work throughout the day

Research Assistant

June 2015 - August 2016

Michigan Consortium of Education Research Project; East Lansing, MI

- Searched 20,000 files using Stata Data Analysis Software
- Navigated Microsoft Excel to organize 2,000 high school transcripts for future analyzing
- Analyzed data to minimize errors and corrected by creating new spreadsheets in Excel

Volunteer

Young Life Student Staff

January 2014 - Present

East Lansing High School; East Lansing, MI

- Communicate with individuals to provide fun, dynamic meetings for high school students
- Mentor students and leaders to get involve and build lasting relationships amongst each other
- Fundraise \$500 to support students going to camp and having the Best Week of Their Life"

Skills

- Working knowledge of MATLAB

Honors & Awards

- F.W. Bakker-Arkema Scholarship recipient Spring 2016
- NLCF Alicia Evans Scholarship recipient 2013-2016
- NAACP Leaders of Tomorrow Scholarship recipient Fall 2013