

## Objective

To utilize my undergraduate work experience to obtain an entry-level position in the field of engineering that will enhance my skills and experience.

## Education

Michigan State University, East Lansing MI  
*B.S, Biosystems Engineering*

7/2012- Present  
Expected 12/2016

## Work Experience

MSU Facility for Rare Isotope Beams, East Lansing, MI  
*Student lab assistant*

4/2015-Current

- Writing Excel VBA code to extract specific data from one spreadsheet to utilize in project database
- Rearranging and updating equipment racks to represent physical racks
- Proposing cable routing changes to optimize cable length from equipment racks to their associated FRIB tunnel devices
- Drawing and altering power supply and ion source schematics in AutoCAD
- Communicating and collaborating with multiple engineering teams to ensure uniform goals
- Managing hardware needed for profile monitor assembly
- Assembling and wiring profile monitors with isometric and schematic drawings
- Reading and recording power supply current and voltage to confirm accuracy
- Capturing power supply output signals with oscilloscope

Menna's, East Lansing MI  
*Cook, driver, customer service*

8/2013-10/2014

- Gained communication and collaboration skills through interactions with customers and coworkers
- Trained new employees
- Organized driving routes for delivery drivers

Greenhills School, Ann Arbor, MI  
*Admission office assistant*

7/2008-3/2012

- Scheduled meetings, open houses and completed event set up
- Communication and team work with parents and faculty

## Skills

- Public speaking and communication skills
- Customer assistance skills
- Group work skills
- Moderately efficient in LabVIEW, express 8.6 through Biosystems engineering lab course
- Efficient in using Microsoft Excel and VBA
- Efficient in using NX through graphic communications course
- Moderately efficient in MATLAB through intro to engineering modeling and microbial systems engineering course
- Lab practice in Biosystems instrumentation through Biosystems engineering lab course

## Activities

- Biosystems Engineering Club 9/2015-current
- Flying Club, ground school in preparation for FAA private pilot ground exam 9/2011-5/2012

## Awards/ Accomplishments

- Passed FE exam 1/2016
- 1<sup>st</sup> place in College of Engineering Design Day competition 12/2012
- National Spanish Exam 12/2011