

Carly Gomez

Gomezca2@msu.edu
248-766-0517

6749 Granger Dr.
Troy, MI 48098

SUMMARY

Passionate problem solver with exceptional logical and analytical skills. Excellent abilities to command multiple projects at once and collaborate on multidisciplinary teams.

EDUCATION

Michigan State University

Member of Honors College

Major in Biosystems Engineering

Freshman, expected to graduate in May 2019

4.00/4.00 GPA

Dean's List, entire 2015-2016 school year

Sexual Politics, Gender Identity, and Sexual Orientation study abroad in Amsterdam, July-August 2016

Avondale High School, Class of 2015

3.96/4.00 GPA

HONORS

CANR Undergraduate Research Program Grant, 2016

Howard and Esther McColly Scholarship, 2016

W.R. Brown Engineering Scholarship, 2015

Future Problem Solving "Creating the Future" Scholarship, 2015

Michigan State University Biosystems Engineering Undergraduate Scholarship, 2015

Michigan State University Honors College STATE Scholarship, 2015

EXPERIENCE

Professorial Assistant, Sep 2015-Present

Michigan State University, East Lansing, Michigan

- Assisted a research team to develop and improve methods to eliminate Salmonella from low-moisture food items

Student Ambassador for Women in Engineering, Oct 2015-Present

Michigan State University, East Lansing, Michigan

- Aided in event management and led informative discussions with prospective woman engineers

Host and Busser, Oct 2013-Dec 2015

Clubhouse BFD, Rochester Hills, Michigan

- Seated and greeted customers, communicated with servers, answered phones, and bussed tables

LEADERSHIP

EXPERIENCE

Women in Engineering Connect Group Mentor, Aug 2016-Present

Michigan State University, East Lansing, Michigan

- Mentored and networked first-year female engineering students in a collaborative setting

Graham Stars Founder and Mentor, Sep 2014-June 2015

R. Grant Graham Elementary, Auburn Hills, Michigan

- Started a mentoring program for fifth graders at a Title I elementary school in the Avondale district to help the students prepare for the middle school transition and be more suited for success in middle school
- Used data from a variety of sources throughout the community to develop a unique curriculum, taught to the students through monthly mentoring sessions
- Presented the project in the Future Problem Solving program at the state level and the international level
- Built a new team of mentors to lead and develop the program further in coming years

ACTIVITIES

MSU Women In Engineering (WIE) Connect Mentor Program, 2015-present

MSU Biosystems and Agricultural Engineering Club, 2015-present

MSU Internural Volleyball, March-April 2016

Future Problem Solver 2008-2015, State Champion (booklet writing) two times, State Champion (community problem solving) one time, State Runner Up (booklet writing) two times, International Finalist (booklet writing) four times, International Runner-Up (community problem solving) one time.

SKILLS

Handling materials with high concentrations of foodborne pathogens (biohazard level two)

Proficient in Microsoft Word, Excel, PowerPoint, and OneNote

Experience in Matlab programming from EGR 100 and EGR 102 classes

Oral and poster presentations, (presented at MSU's College of Engineering Design Day in 2015, Future Problem Solving International Conference in 2015, and at MAHS/MASC State and Regional conferences in 2013)