

Susie Sycamore

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333 E 95th St, New York NY, 10128

Education:

Indiana State University (ISU), Terre Haute, IN

December 2019

Bachelor of Science, Automotive Engineering Technology

GPA: 3.731 / 4.000

J. Everett Light Career Center, Indianapolis, IN

May 2016

Two-year program, Automotive Service Technology

Professional Experience:

Standard Motor Products, New York City, NY

January 2020 – Present

Junior Engineer

- Analyze automotive components to determine proper functionality and physical requirements and provide those guidelines to manufacturers
- Function test all incoming parts to make sure they are up to the standard of the Original Equipment Manufacturer
 - Examples of function testing include pressure testing, resistance testing, flow testing, and taking physical measurements
- Create and execute a test to simulate the life cycle of the components to confirm they will not fail prematurely

DirectEmployers Institute, Indianapolis, IN

May 2019 – July 2019

Intern

- Taught the students, aged 13 through 19, how to build and program VEX robots to complete various tasks such as picking up and placing objects as well as completing a pre-programmed autopilot course
- Secured donations for food, promotional items, and school supplies to provide to the students for the STEM YES! summer camp which encourages underrepresented high school students to become interested in STEM fields

Leadership and Volunteer Experience:

Research Assistant

September 2019 – December 2019

- Assisted in the testing of vehicle detection sensors for the Indiana Department of Transportation

SAE International Indiana Section

October 2018 – December 2019

Vice Chair of Student Affairs

- Arranged involvement from SAE International student chapters for SAE Indiana events
- Contacted all Indiana SAE International student chapters with updates from the state section and information about upcoming events

SAE International ISU Student Chapter

September 2017 – December 2019

President (September 2017 – May 2019)

- Reactivated and gathered members to support this previously dormant organization
- Implemented meetings and tours with individuals and companies related to our members' career interests for professional development and to expand our networking experience
- Coordinated student attendance of annual conferences such as the Performance Racing Industry Trade Show and the WCX Conference hosted by SAE International

Women in STEM Professions (WISP)

August 2016 – December 2019

Vice President (April 2019 – December 2019)

- Initiated the rebranding of our organization from Females in Technology (FiT) to Women in STEM Professions (WISP) in order to include more women in STEM fields outside of the College of Technology
- Expanded our membership by over 300% from the previous year

Treasurer (April 2018 – April 2019)

- Assisted in organizing and volunteering at FiT for the Future, an annual conference held in March for more than 150 high school girls interested in STEM fields
 - FiT for the Future won the Collaborative Program of the Year Award at ISU in 2017, 2018, and 2019
- Completed various volunteer experiences such as Slumber at the Speedway and the Curiosity, Confidence, Challenge Conference to get more young women involved in STEM
- Obtained a 2,300 dollar grant to cover the costs of our annual FiT for the Future conference