

Sarah Nicole Schenck

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OBJECTIVE

Obtain a summer internship opportunity where I can contribute to a world-class organization and receive exposure to cutting-edge engineering practices and organizational management.

EDUCATION

- 2020 - Present **University of Michigan** - College of Engineering, Ann Arbor, MI
GPA: **4.00** 84 completed of 128 credits required for Bachelors in Materials Science Engineering
- 2015 - 2020 **Forest Hills Central High School**, Grand Rapids, MI
GPA: **4.55** / GPA (unweighted): **4.00**. **14** AP courses taken.

ACADEMIC AWARDS

- 2021 Karl Schwartzwalder Memorial Scholarship
- Tau Beta Pi Scholarship Initiate
- George M. Landes Prize for Technical Communication (2nd place)
- William J. Branstrom Freshman Prize
- Roger B. Chaffee Scholarship
- National Merit Scholar
- University of Michigan Regents Scholarship

ATHLETIC HONORS

- Varsity Swimming, 2016-2019 (Captain 2019 season) 4 Varsity letters earned, All-State and All-Conference
- Varsity Water Polo, 2017-2020 (Captain 2020 season) 4 Varsity letters earned
- Varsity Wrestling, 2018-2020 (Boat Crew Leader) 2 Varsity letters earned
- Placed 2nd (2019) & 3rd (2020) Michigan Girls' Wrestling State Championship
- Michigan's first Girls State Wrestling Championship team, 2020
- Forest Hills Central High School's Top Female Athlete

WORK EXPERIENCE

- 2018 - 2021 **Forward Metal Craft, Inc.**, Grand Rapids, MI
Began with entry-level production labor, then advanced to quality assurance responsibilities for production stampings, wire-forms, and prototype samples. Was part of the design and development team for custom CNC welding equipment this summer.
- Summer 2021 **Home Depot**, Grand Rapids, MI
Customer-oriented paint specialist dedicated to helping patrons make selections based on both quantitative and highly qualitative criteria and assuring that they received their order with high satisfaction in addition to completing detail-oriented organizational tasks.
- Summer 2021 **Crumbl Cookies**, Grand Rapids, MI
Fast-paced retail boutique foods requiring a high degree of customer service, fast and accurate order execution, and dynamic time management skills.

EXTRACURRICULARS

- Resident Advisor (University of Michigan ResStaff 2021-present)
- Treasurer of the University of Michigan's Water Polo Club
- Member of the University of Michigan Society of Women Engineers
- Member of the University of Michigan Girls Who Code
- Tutor for science and mathematics
- Volunteer work with the West Side Beautification Project renovating old buildings

SKILLS

Spanish Proficiency, Advanced. **Michigan Seal of Biliteracy**

PERSONAL STATEMENT

I am a highly motivated individual with a strong positive outlook on life who is eager to begin a career in the engineering field. I am excited about employing technology to improve the items we use and the quality of our lives.

COURSEWORK EXPERIENCE

ME 250 - Design and Manufacturing Lab

- Designed, fabricated, and tested a machine to specifications, culminating in a competition
- Produced design blueprints using CAD and SolidWorks

MSE 360 - Materials Lab I

- Collaborated with peers on semester-long experiment while producing weekly technical lab notebooks
- Gained hands-on experience in mechanical testing of material properties, sample synthesis and preparation, and manufacturing processes

ENG 100

- Authored award-winning technical research report on the development of and recommendations for a medical device
- Led team-based projects and communication efforts throughout the term.

ADDITIONAL COURSES: Thermodynamics, Differential Equations, Structures of Materials, Multivariable Calculus, and C++ Programming