

HANNAH M. BERNARDI

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EDUCATION

University of Michigan | Ann Arbor, MI

Expected May 2026

Bachelor of Science in Mechanical Engineering, Minor: International Minor for Engineers

- GPA: 3.99/4.00
- Honors: Engineering Global Leadership Honors Program, Dean's List (all terms), University Honors
- Relevant Coursework: Solid Mechanics, Thermodynamics, Dynamics and Vibrations, Design and Manufacturing

CEA CAPA Education Abroad | Paris, France

May-June 2023

Study Abroad

Utica Academy for International Studies | Sterling Heights, MI

June 2022

High School Diploma, International Baccalaureate (IB) Diploma

- Graduated Valedictorian, Summa Cum Laude
- GPA: 4.27/4.00 (UW 4.00/4.00)

PROJECT EXPERIENCE

University of Michigan College of Engineering | Ann Arbor, MI

January-April 2023

Introduction to Engineering: Engineering Biological Solutions Team Project

- Researched and selected a second-generation lignocellulosic feedstock to source in the production of bioethanol.
- Pretreated biomass in-lab using alkali and hydrothermal methods and simulated hydrolysis and fermentation steps.
- Performed data and cost analyses to evaluate real-world feasibility of chosen feedstock and presented findings in a memo-style report.

ADDITIONAL EXPERIENCE

Olive Garden Italian Restaurant | Sterling Heights, MI | Server

June 2022-Present

- Maintain a running knowledge of restaurant menu and communicate that to guests.
- Effectively manage time to attend to multiple tables and assist in payment transactions.
- Ensure coworkers are well-equipped to handle service tasks.

University of Michigan International Programs in Engineering | Ann Arbor, MI | Blogger

May-June 2023

- Documented happenings on a weekly basis during my Engineering in Paris study abroad.
- Presented photos, videos, and personal anecdotes in a concise and visually appealing manner.
- Positively represented the University of Michigan and promoted study abroad programs to prospective students.

LEADERSHIP EXPERIENCE

Shipman Scholarship Society | Ann Arbor, MI | Educational Development Chair

December 2023-Present

- Consolidate and share resources and information regarding study abroad, research, and extracurricular activities.
- Coordinate professional development workshops catered towards the needs of the Society's members.
- Organize weekly study hours in various locations across campus.

AWARDS

William J. Branstrom Freshman Prize (awarded to first-term freshmen ranking in the top 5% of their UM school or college)

Sidney J. & Irene Shipman Scholarship (merit-based scholarship awarded to prospective students exhibiting high academic achievement)

SKILLS

Computer: MATLAB, C++

Language: Working proficiency in French

ACTIVITIES

The Lookout Project Nonprofit | Ann Arbor, MI | Education Committee

September 2023-Present

- Promote education and resource distribution to prevent drug overdoses in the local Washtenaw County community.

Zeta Tau Alpha Sorority | Ann Arbor, MI | Member

January 2023-Present

Society of Women Engineers | Ann Arbor, MI | Member

September 2022-Present

- Support and collaborate with fellow women in engineering disciplines, learning to maximize my undergraduate through leadership, service, and professional development.
- Facilitate semiannual Engineering Career Fair by assisting corporate partners in transporting supplies.