

Alyssa Fodale

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EDUCATION

The University of Michigan | Ann Arbor, MI | May 2026

B.S. Chemical Engineering (targeted graduation May 2026) | GPA: 4.0/4

- Dean's List – Fall 2022 and Winter 2023
- William J. Branstrom Freshman Prize - Fall 2022
- Gordon R. Case Memorial Golf Scholarship
- University of Michigan Regents Scholarship

University College Dublin | Dublin, Ireland | Summer 2023

Big 10 STEM and Irish Studies in Dublin

- 7 week study abroad
- Studied Irish History and Physics

EXPERIENCE

University of Michigan Department of Mathematics | Math Tutor | Ann Arbor, MI | August 2023 – Present

- Tutor students in Calculus and Differential Equations

The Ski Company | Sales Associate | Rochester, MI | December 2022

- Assisted with ski merchandise and apparel sales
- Worked the front desk and cash register

The Brookwood Golf Club | Pro Shop Employee | Rochester, MI | May 2022 – August 2022

- Made tee times, sold merchandise, and ran the snack bar
- Provided customer service for the membership

The Wyndgate Country Club | Assistant PGA Jr. League Coach | Oakland Twp, MI | Summers 2016 – 2022

- Analyzed and improved the golf swings, chipping and putting of children ages 7 to 13
- Scored and coached the children's golf matches weekly May through July

Multiple Families | Babysitter | Rochester, MI | 2017 – 2022

- Provided childcare and meal preparation as requested for various families with up to 3 young children

LEADERSHIP/ACTIVITIES

Wolverine Tutors | August 2022 - Present

- Tutor 1 high school student in person twice a week

Disney Interest Group | August 2022 – Present

- Member of the Disney Interest Group Planning Committee
- Create member events throughout the school year

Society of Women Engineers | August 2022 – Present

- Engage in activities to grow and collaborate as a female engineer

Elementary Engineering Partnership | August 2022 – Present

- Teach basic engineering concepts to fourth and fifth grade students in person weekly

UM Ski and Snowboard Club | December 2022 – Present

- Participate in skiing events to keep ski skills current

Rochester Adams High School | August 2020 – June 2022

- Two year Captain for both varsity girls' golf team and varsity ski race team
- Responsible for communicating training and competition information and organizing team activities

Michigan Math and Science Scholars | June – July 2020

- Daily three-hour class on topography
- Learned how to mathematically prove complex theories

SKILLS

- Efficient problem solving
- Critical Thinking
- Empowering groups
- Software: proficient in MATLAB and C++