

## LIZ HOWDEN

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### EDUCATION

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**University of Michigan** Ann Arbor, MI  
*Bachelor of Science in Engineering in Computer Science*  
*GPA: 3.57/4.0 Dean's Honor List* September 2018 – April 2022  
Coursework: Engineering Design Projects: Autonomous Drones, Programming and Introductory Data Structures, Discrete Math, Imagining Futures: Medicine, Artificial Intelligence, and Social Media

**Saline High School** Saline, MI  
*Diploma; GPA: 3.94/4.0* May 2018

### EXPERIENCE

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**Engineering Advising Center** Ann Arbor, MI  
*Orientation Peer Advisor* May 2019 – August 2019

- Lead 1,400+ first year engineering students through summer orientation to ensure smooth transition to college by helping them choose courses, register for classes, and understand the policies and procedures of the College
- Use personal insight to answer questions about professors, majors, student organizations, and campus life to support individual student success
- Used statistical techniques, Microsoft Excel, and C++ to interpret and analyze data to further improve orientation, course offerings, and to understand the incoming class.

### PROJECT EXPERIENCE

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**BLUeLab Yucatán Project Team** Ann Arbor, MI  
*Sensor Team Member* September 2018 – May 2019

- Wrote code and developed a machine to detect air quality and record data for analysis with a company partner
- Collaborated with students of all ages and experiences by learning and creating with them

### LEADERSHIP

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**Society of Women Engineers** Saline, MI  
*Career Fair Chair* May 2019 – Present

- Chosen through competitive application process to assist in running one of the largest career fairs at the University
- Arrange gatherings outside of designated career fair time for students to casually meet with recruiters and learn about the different companies

### ACTIVITIES

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**Women in Science and Engineering Residence Program** Ann Arbor, MI  
*Community Member* September 2018 – Present

- Chosen through competitive application process to live and learn with 100 first year students studying STEM by participating in activities and study groups
- Actively engage in seminars and coursework focusing on women in STEM careers

### SKILLS

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Working Knowledge: MATLAB, C++, Microsoft Excel  
Understanding: Python, Java, AutoCAD, AutoDesk Inventor

### HOBBIES

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Volleyball, Pickleball, Baking, Reading