LIZ HOWDEN

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EDUCATION

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

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

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

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

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

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

HOBBIES

Volleyball, Pickleball, Baking, Reading