

Elizabeth Howden

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EDUCATION

University of Michigan

Ann Arbor, MI

Bachelor of Science in Engineering in Computer Science

GPA: 3.69, Dean's Honor List

September 2018 – April 2022

Coursework: Introduction to Engineering, 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

Mary Markley Bakeshop

Ann Arbor, MI

Service Worker

September 2018 - Present

- Bake goods for the University's dining halls and cafés
- Manage customer orders by baking and precisely packaging

Huron Valley Volleyball Club

Saline, MI

Coach

December 2015 - May 2018

- Coached several girls' and boys' volleyball teams from ages 10-14 by cultivating crucial basic skills
- Created practice plans and worked with other coaches and parents to assure a smooth season

PROJECT EXPERIENCE

BLUElab Yucatán Project Team

Ann Arbor, MI

Sensor Team Member

September 2018 - Present

- Write code and develop machine to detect air quality and record data for analysis later by company partner
- Collaboratively work with students of all ages and experiences by learning and creating with them

LEADERSHIP

Varsity Volleyball

Saline, MI

Team Captain

August 2017 – November 2017

- Elected by teammates and coaches to lead the team by organizing pre-game meetings, team bonding, and managing program wide merchandise

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 other first year students studying STEM by participating in activities and study groups
- Actively engage in seminars and coursework focusing on women in STEM careers

Society of Women Engineers

Ann Arbor, MI

Community Member

September 2018 – Present

- Actively participate in volunteering events to benefit the next generation of female engineers
- Attend networking events to gain understanding and explore career possibilities

SKILLS

Understanding: Matlab, C++, Java, AutoCAD, AutoDesk Inventor, Microsoft Excel, Microsoft Word

HOBBIES

Volleyball, Pickleball, Baking, Reading