

LIZ HOWDEN

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EDUCATION

University of Michigan

Bachelor of Science in Engineering in Computer Science

GPA: 3.4/4.0

Coursework: EECS 281: Data Structures and Algorithms, EECS 388: Computer Security, EECS 485: Web Systems, SI 301: Models of Social Infrastructure, EECS 376: Foundations of Computer Science, STATS 250: Introduction to Statistics and Data Analysis

Ann Arbor, MI

December 2021

EXPERIENCE

Northrop Grumman

Software Engineer Intern

Virtual

May 2020 – August 2020

- Obtained Top Secret Security Clearance [Active]
- Wrote, tested, and implemented tests to autotomize evaluations of Global Hawk's software, sensors, and measuring devices
- Collaborated using Git, Jira, and Bitbucket to ensure tasks were completed in a timely manner
- Led and supported other interns by introducing them to the tasks and team by leading seminars and being available to assist

Engineering Advising Center

Orientation Peer Advisor

Ann Arbor, MI

May 2019 – August 2019

- Analyzed data using statistical techniques, Microsoft Excel, and C++ to further improve orientation, course offerings, and to understand the incoming class
- Led 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

LizHowden.com

Personal Coding Project

Ann Arbor, MI

May 2019

- Self-taught HTML and CSS to develop and finish my personal website to exhibit my portfolio

LEADERSHIP

Society of Women Engineers (SWE)

Career Fair Director

Ann Arbor, MI

December 2019 – Present

- Collaborated with three other Career Fair Directors to coordinate budget, event promotion, and company registrations
- Communicated with over 400 companies over the summer to answer all recruiter questions, register companies for the fair, and keep track of the company waitlist for the fair
- Held weekly meetings with fellow directors and professional staff at the Engineering Career Resource Center

University of Michigan

Theme Resident Advisor

Ann Arbor, MI

August 2019 – May 2020

- Managed a university residence hall floor of 40 diverse first year students
- Collaborated with coworkers and supervisors to organize floor and building wide events to build community and address concerns
- Supported the needs of residents through intentional interactions and activities

ACTIVITIES

Society of Women Engineers (SWE)

Member

Ann Arbor, MI

January 2020 – Present

Girls in Electrical Engineering and Computer Science (GEECS)

Member

Ann Arbor, MI

September 2018 – Present

SKILLS

C++, C, Python, Agile Methodology, MATLAB, HTML/CSS, Microsoft Excel, Microsoft Word