

# JESSICA I. SIMMER

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## EDUCATION

### UNIVERSITY OF MICHIGAN

#### College of Engineering

Major Concentration in Electrical Engineering

Anticipated graduation April 2024

GPA: 3.93 (unweighted)

### GREENHILLS HIGH SCHOOL

Class of 2020

## EXPERIENCE

**2021 - present**

#### **Tau Beta Pi Engineering Honor Society, K-12 Outreach Officer**

- Organized and run events to teach local grade school students engineering
- Organized major fair for incoming students to ask about umich engineering
- Volunteered as a tutor for UofM and highschool students

#### **Women in Electrical and Computer Engineering, member**

- Discussed topics with peers about women in EECS workforce

**2020 - 2021**

#### **UofM Autonomous Robotic Vehicle, embedded systems team member**

- Constructed arduino to measure temperature and output data on LCD
- Developed electrical/motherboard parts of autonomous robot

**2019-2020**

#### **Talking Skull Project**

- Crafted arduino to play custom audio and LED color inside of plastic skull

#### **High school literature club, cofounder**

- Created safe place for highschool reading and friendship

**July 2019**

#### **Summer College Engineering Exposure Program, member**

- Worked with a team of peers to develop a robot to accomplish rescue tasks during simulated volcano eruption. Won best design.

## SKILLS

### **Classes**

- Circuits, Systems and Signals, Logic Design, Physics E&M

### **Software**

- MATLAB, C++, Adobe Photoshop, HTML/CSS, Cura, Microsoft Office

## ADDITIONAL

- Web design hobbyist, made website for Michigan Women's Hockey
- Women's Ice Hockey player (2010-present) (state champions 2019)