

# Claire Yvonne Mitchell

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## Education

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### **Bachelor's of Science - Mechanical Engineering**

Northern Arizona University • Flagstaff, AZ

**08/2019-Present**

- *Expected Graduation Year 2025*

## Skills

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- **Coding & Programing**

- Python
- SolidWorks
- MATLAB
- Arduino
- Electrical wiring

- **Technical Skills**

- Client Connections
- Team Collaboration / Organization
- Data Analysis
- Adaptability
- Data Organization & Analysis

## Projects and Involvement

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### **NAU • Mechanical Engineering Department • Flagstaff, AZ**

**08/2024-Present**

*Tensegrity Medical Light Therapy Senior Capstone - Design Lead & Meeting Organizer*

Specializing in design and manufacturing as well as meeting coordinator for the Tensegrity Mechanical Engineering Group, I oversee the design aspect as well as connect with the Electrical as well as the Computer Science department in order to have completion of our product by May 2025. The goal is to create a medical device that includes photobiomodulation to improve oxygen flow through the blood.

### **NAU • Society of Women Engineers (SWE) • Flagstaff, AZ**

**08/2024-Present**

*Active participant in University club*

Involved in weekly club meetings that promote an inclusive community while also networking through outside events that promote diversity and inclusion. Constant participation has helped to create more connections with peers and faculty alike and has helped to create an open environment for discussion and networking through those peers.

### **NAU • American Society of Mechanical Engineers (AMSE) • Flagstaff, AZ**

**08/2021-Present**

*Active participant in University club*

Working with this club over the course of the last few years had helped to make meaningful connections with both peers and faculty and had granted me the opportunity to be a part of a wide range of extracurricular activities outside of the club that have further promoted these relationships. This club, with its many meetings centered around various learning and teamwork activities, had helped me to learn more about engineering and programing from more fun and hands on experiences.