

Alicia Marie Corona

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EDUCATION

Northern Arizona University

Bachelor of Science in Mechanical Engineering

Flagstaff, AZ

Expected May 2025

Agua Fria High School

High School Diploma

Avondale, AZ

May 2021

WORK EXPERIENCE

Northern Arizona University – College of Engineering

Tensegrity Medical Light Therapy Senior Capstone

Flagstaff, AZ

August 2024 – Present

- Collaborate with a multi-disciplinary team to design and develop a non-invasive light therapy medical device aimed to improve blood flow, oxygen circulation, and reduce inflammation.
- Manage the project budget, ensuring cost effective decision making.
- Research and apply new engineering concepts and technologies through self-directed learning to enhance project development.
- Coordinate and facilitate weekly team meetings based on availability and project deadlines.
- Adhere to a signed Non-Disclosure Agreement (NDA) to protect research and intellectual property.

Northern Arizona University – Campus Living

Community Assistant (CA)

Flagstaff, AZ

August 2022 – Present

- Create a welcoming and vibrant community experience for 31+ community members.
- Plan and implement three large scale educational events for 50+ community members per semester.
- Design creative elements to support community building such as door decorations, event flyers, and bulletin boards.
- Provide support for 500+ community members while upholding Campus Living policies and being a first responder to crisis situations while serving in an on-call capacity.
- Trained as a mandated reporter while upholding FERPA requirements.
- Supported community needs while working at the Community Hub (front desk). Fielded questions both in person, over the phone, and via email. Checked out keys, packages, and other resources.

GYRI Amazon Fulfillment Center

Amazon Associate

Goodyear, AZ

June 2022 – July 2022

- Picked merchandise for customers in preparation for packing.
- Worked in a fast-paced environment while lifting merchandise up to 50 pounds.
- Followed safety procedures while working and notified management when there was a safety issue.
- Communicated with management about areas of improvement and areas of proficiency.

EXTRACURRICULAR ACTIVITIES

Northern Arizona University

General Member, Society of Women Engineers (SWE)

Flagstaff, AZ

January 2023 – Present

- Engage in volunteer initiatives to support local communities in Flagstaff.
- Participate in bi-weekly general meetings stay informed on SWE events.
- Network with engineering professionals through panels or Q & A sessions to gain career insights and opportunities.

Northern Arizona University – Campus Living

Treasurer, Black, Indigenous, People of Color (BIPOC) Student Organization

Flagstaff, AZ

September 2024 – Present

- Provide a supportive space for BIPOC student staff by actively participating in weekly general meetings.
- Collaborate with the executive board to plan and organize meetings, events, and initiatives.
- Oversee the organization's budget maintaining accurate financial records and managing transactions.