

## Damien Brothers

(928)-530-9855

damienbrothers16@gmail.com

### Education

**Northern Arizona University** – College of Engineering, Informatics, and Applied Sciences

Upcoming Graduation May 2023

Bachelor of Science in Mechanical Engineering - 3.93 Current GPA

### Summary

4<sup>th</sup> year mechanical engineering student with experience in project management through self-guided and collaborative efforts. Seeking to leverage knowledge gained in engineering roles and across multiple industries to enter the workforce. Extensive experience with technical skills such as SOLIDWORKS and interpersonal skills including leadership and communication.

### Technical Skills

SOLIDWORKS | Microsoft Suite | Agile PLM Quality Management System | JMP statistical software | MATLAB | Fluke NetDAQ | NI Multisim

### Experience

May 2022 – August 2022

**W. L. Gore & Associates, Inc.** – *Process Engineering Intern - Vascular Graft Products*

- Spearheaded a technical project regarding custom equipment optimization to improve operational quality and process yield while maintaining and improving safety in a regulated environment over 2 product lines.
- Developed scientific understanding of thermal expansion and implemented geometrical design changes through hands-on research and development.
- Developed interpersonal skills by collaborating with several individuals across manufacturing, technical, and administrative functions within the context of a uniquely supportive culture.

May 2021 – Current

**Northern Arizona University** – *School of Informatics, Computing, and Cyber Systems Front Desk Lead*

- Hired, interviewed, and trained 4 student employees across 3 different positions.
- Assisted students, faculty, and staff with projects and events.
- Strengthened professional image of the college through frequent public contact both in-person and over phone/email.

Summer 2021

**Arizona Tri-U Engineering Partnership** – *“The Challenge 2021” Mentor*

- Led and inspired a group of 5 high school students to develop engineering-based solutions to Arizona water concerns.
- Assisted program staff by facilitating the development and preparation of student events.

August 2018 – May 2019

**Lee Williams Automotive**

- Learned fundamentals of automotive systems and design.
- Guided fellow students while diagnosing and repairing customer vehicles.
- Acquired hands-on skills in assorted tooling.
- Collaborated with teammates and competed with other schools in “pit-crew” challenges.