

Gia Neve

Flagstaff, AZ | (623) 692-7203 | gnn23@nau.edu

EDUCATION

NORTHERN ARIZONA UNIVERSITY

Bachelor of Science in Mechanical Engineering (ABET accredited)

College of Engineering, Informatics, and Applied Sciences

Northern Arizona University, Flagstaff, AZ

EXPERIENCE

Engineering Projects Lab Manager January 2020 – Present *Northern Arizona University* • Experienced Lab Technician with hands-on experience in operations, maintenance, and organization. • Improved lab functionality by creating/updating work order forms and lab usage rules.

- Operated and learned advanced machines (Fortus 400/250, J35 Polyjet, Markforged Mark 2, Bosslasser Lasercutter) to expand prototype options for students.
- Collected and organized machine info, managed inventory, and communicated with faculty/safety staff.
- Educated students on manufacturing processes, provided design/order feedback, and ordered equipment/materials.
- Designed useful displays showcasing machine capabilities and organized data on work orders and pricing.
- Ensured a safe lab environment by communicating with safety staff.
- Created a welcoming environment for students and improved lab

functionality. **E3 Displays Internship** May 2021 – August 2021 *E3 Displays, LLC*

- Created SolidWorks models as an intern to support design and development efforts. • Organized data and quotes to ensure timely and accurate tracking of project expenses.
- Reverse-engineered machines to identify opportunities for improved redesign plans.

TECHNICAL SKILLS

- **Software:** SolidWorks, GrabCAD, Elger.io, Lightburn, Microsoft Office Suite
- **Machinery:** Stratasys Printers (Fortus 400, Fortus 250, J35 Polyjet), Markforged Mark 2, Bosslasser Lasercutter
- **Programming languages:** Python and MATLAB
- **Other:** Statistical analysis and technical writing/reporting

SOFT SKILLS

- Maintains a positive and proactive attitude, striving for excellence
- Values integrity and demonstrates ethical behavior in all interactions
- Possesses excellent communication skills, able to collaborate effectively within a team • Demonstrates a strong ability to identify, analyze, and solve problems with social dexterity • Adapts easily to changing situations and environments
- Maintains a strong work ethic and attention to detail

- Shows a willingness to learn and improve skills and knowledge