

Thomas Joseph Allen

27 E. Juniper Ave, Flagstaff, AZ 86001

Mechanical Engineer

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Value to Employer

[linkedin.com/in/thomas-allen-12765525b](https://www.linkedin.com/in/thomas-allen-12765525b)

- Outstanding communication and customer service skills. Worked in team environments and leadership roles. Always goes above and beyond for others.
- Able to manage school full time and work part-time. Looking for an internship that will lead to a long-term career. Willing to work full time during my final semesters.
- Currently a manager of 35+ employees and 3.5 million dollars' worth of automotive inventory. Have gone through management classes through Pryor University.
- Team leader with the ability to problem-solve, think independently, and provide solid solutions to complex problems.
- Created multiple CAD designs that were later 3D printed and used as functional models.
- 5 years of progressive leadership experience at NAPA Auto Parts. 7 years of automotive experience at various auto shops in Flagstaff.
- Hands on experience including assembly of hydraulic hoses and machining drums/rotors on multiple machines. Some experience with CNC machines.

Professional Experience

- Experience in SolidWorks (CAD), MATLAB, 3D printing, and some experience using Arduinos. Excels in communication, critical thinking, problem solving, and team management.
- Experience with most Microsoft software including Word, Excel, PowerPoint, and Outlook. Has extensive experience in Photoshop, Rush Premiere, and Adobe Lightroom.
- Automotive Student of the Year 2014-2016 received the automotive student of the year three years in a row. Was also the President of the Flagstaff Highschool Auto's Club.
- During the time working at NAPA, we doubled in size and became a nationally recognized Five-Star-Store, meaning we excel above all others in customer service and parts knowledge. Developed a great understanding of how parts make a system work.
- Moving into my senior year at NAU and have completed most fundamental courses. Classes needed to complete are Heat transfer, Machine Design 2, and both Capstones.
- Currently studying Heat Transfer, Renewable Energy, Capstone Project, Thermal Sciences, and Compressible Flow.
- Team member for NAU's Baja and Rocket Club. Rocket club took 1st place nationally in Spring 2022. Helped the Baja Club with parts knowledge and cost analysis.

Education

- **Northern Arizona University**
Bachelor of Science in Mechanical Engineering anticipated graduation in Fall 2023
Current GPA: 2.95 Dean's List for Fall 2022
- **Coconino Community College** -From 2017 to 2019. Transferred to NAU with AGEC GPA: 3.08