

Tyler LeBeau

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Professional Summary

Third-year Mechanical Engineering student at Northern Arizona University. Excel at learning and problem solving in a team dynamic on course projects. Proven ability to contribute to the design and development of engineering projects. Most recently designed an airplane in SolidWorks and printed in 3D. Seeking an internship where I can apply my analytical and writing skills with an eagerness to learn more.

Summary of Qualifications

- Proficiency in AutoCAD, SolidWorks and drafting
 - Strong communication, analytical thinking, technical writing and teamwork skills
 - Attention to detail and accuracy in design and specifications
 - Ability to adhere to project requirements and deadlines
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EDUCATION

Northern Arizona University, Flagstaff, AZ
Bachelor of Science | Mechanical Engineering
Relevant Coursework:

December 2025 | GPA: 3.49

Intro Civil & Env Engineering, Engineering Analysis, Applied Mechanics Statics, Mechanics of Materials & Lab, General Chemistry, Lab & Recitation, Programming For Eng & Sci & Lab, Electrical Engineering & Lab, Engineering Design, Calculus, Differential Equations, Computer-Aided Design, Materials Science, Applied Mechanics Dynamics, Engineering Design: Process, Machine Design I, Engineering Design: The Method, Thermodynamics, Fluid Mechanics, Physics, Mechanical Engineering Design, Experimental Methods In The Thermal Sciences, Heat Transfer, Introduction To Numerical Analysis

Saddleback College, Mission Viejo, CA

May 2022 | GPA: 3.78

- Certificate of Achievement in Business Communication Skills
 - Certificate of Achievement in General Business
 - Phi Theta Kappa, Honor Society
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Experience

NAU University Transit Services, Flagstaff, AZ

Maintenance

August 2024 – May 2025

Provide and support parking, shuttle, bike, and pedestrian transit services. Pick up trash, maintain a clean parking area. Fix things when necessary. Jumpstarts and lockouts.

Target, Foothill Ranch, CA

General Merchandiser (*Summer position*)

July 2023 – August 2023

General Merchandiser (*Senior year of high school*)

June 2021 – August 2022

Helped Target optimize their sales by stocking shelves, assisting customers, and pulling orders.

Worked wherever needed and helped train new hires. Followed all safety requirements.

- Ensured that the store shelves were stocked with the right types and quantities of products.
- Removed any damaged or dated items.
- Pulled and prepped online orders for customer pick up.
- Assisted customers finding different items throughout the store.
- Helped receive and unload incoming inventory.

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LEADERSHIP SERVICE & ACTIVITIES

Boy Scouts of America | Troop 918

January 2015 – January 2020

Eagle Scout, Order of the Arrow (BSA Honor Society)

- Painted two storage containers with school colors and mascot for Serrano Intermediate. Completed over 500 hours of service and raised over \$2,000.
- Served in leadership positions every year with the highest-ranking position of Senior Patrol Leader which was held 2 times.
 - Involved with leadership training, troop planning and advancement activities.
 - Participated in high-adventure activities including backpacking the Grand Canyon, Yosemite, and San Jacinto.

National Youth Leadership Training (NYLT), Quartermaster

- Participated in the program in June 2017, and completed the post-graduation challenge in December 2017
- Returned in June 2018 to teach scouts the leadership skills learned over the previous summer. Held the position of Quartermaster, responsibilities included:
 - Organized the food for all of the campsites; and
 - Fixed anything that was broken and oversaw all the supplies.

CERTIFICATIONS

- **SolidWorks Certification**, May 2020
Completed certified test for the knowledge of SolidWorks.

ACHIEVEMENTS AND AWARDS

- **CTE Engineering Design Pathway Award**, June 2022
- **President's Education Award, Outstanding Academic Achievement**, June 2022
- **OC Maker Challenge** (Orange County): 3rd place overall for making an innovative solution to making scanning items a lot easier. May 2021
- **Boy Scouts of America:**
 - **Eagle Scout**, November 1, 2018
 - **Quartermaster of the Year** (National Youth Leadership Training), June 2018
 - **Order of the Arrow**, June 2016

SKILLS & INTERESTS

Design & Simulations: SolidWorks, AutoCAD, MATLAB

Engineering Software: MATLAB (Advanced)

Prototyping & Testing: 3D Printing, CNC Machining, Laser Cutting, Tensile Testing, Impact Testing

Computer Skills: Microsoft Office Products, Google Workspace Products