

Ethan Niemeyer

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Objective: To obtain a full-time position as a Mechanical Engineer.

Education:

~ Mechanical Engineering | Northern Arizona University | Senior ~

- Degree and Major: Bachelor of Science in Mechanical Engineering
- Steve Sanghi School of Engineering Dean's List - GPA: 4.0
- Graduated North Medford High School in 2021 - Torch Honors Society - GPA: 3.9

Experience:

~ Mechanical Engineering Internships at Lighthouse Worldwide Solutions ~

- Airborne, Liquid and Microbial Particle Counting Instrument Manufacturer.
- Worked full-time as an Intern under three Mechanical Engineers during the Summer of 2024 and the Winter of 2025.
- Experience: New Product Development, Computer Aided Design, Engineering Drawings, Machined Parts, Fused Deposition Modeling, Stereolithography, Laser Transmitters, Laser Sensors, Meetings, Projects, Testing, Designing, Prototyping, Collaboration.

~ Advanced Air & Metal ~

- Worked full time as an HVAC Technician during the Summers of 2022 and 2023.
- Job-shadowed Professional Engineer on designing and implementing the HVAC systems.

~ University Involvement ~

- Sigma Chi Fraternity - Weekly Community Service and Philanthropy involvement.
- SAE Baja Senior Capstone – Designing and Fabricating a Baja Car for my Senior Capstone Project.

~ Character and Professional Development ~

- Ethos Training Academy: 2021 and 2022 Leadership courses completed.
- Marine Corps Platoon Leaders Course: 6-weeks on Marine Corps Base Quantico, VA July 1st – August 11th 2023.
- Sigma Chi Horizons Week-long Leadership Summit in Snowbird, Utah in July 2024.

~ Community Service ~

- Trip 1: Stayed in Tijuana, Mexico for a week and built a house for a homeless family - Spring Break 2018.
- Trip 2: Stayed in the Tenderloin district in San Francisco, California for a week, helped and fed the homeless - Spring Break 2019.