

CLAIRE PESCATORE

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Objective

Curious, critically thinking fourth year student at NAU in Mechanical Engineering. Seeking an internship or full-time position post-graduation in May 2023. Invested in problem solving with a team that will provide me more experience in the engineering field.

Education

Northern Arizona University (NAU) – Flagstaff, AZ. Spring 2023

- *B.S. Mechanical Engineering*

GPA: 3.38

Mechanical Engineering Experience

Internship - Discount Tire, Scottsdale 05/22-08/22

- Conspired with risk quality management in Discount Tire's Corporate office to lead a tool redesign. Presented concept for product improvement to CEO and company leadership.

SAE Baja Capstone – NAU 2021-Present

- Designing the drivetrain component of a 4WD compatible off-road vehicle. Competing in Washougal, Washington in June against 99 other schools testing the completed vehicles endurance, suspension, speed, and maneuverability.

Reverse Engineering project – NAU 01/22 – 05/22

- Collaborated with a team of four to reverse engineer and redesign an electromechanical product. Implemented the engineering design process to identify the most important pieces and put it back together to improve functionality.

Load Carrying vehicle – NAU 08/21 – 12/21

- Led a group of four engineering students to produce a load carrying vehicle with a dual motor that carried a load of 15 kg.

Leadership Experience

Crew Chief – Discount tire, Flagstaff 2022-Present

- Responsible for keeping technicians on track throughout a busy schedule, pulling stock and communicating customer needs to the sales representatives.

Residential Assistant– NAU 01/20 – 05/22

- Enforced the compliance of community standards, addressed various security issues in crisis situations, and counseled students.

Technical Experience

Computer: Solid works, MATLAB, Microsoft word, RocketSim, Excel, PowerPoint, HTML, CSS, Adobe Dreamweaver, Mill, Lathe

Knowledge: Electrical basics, Mechanics of Materials, Calculus, Numerical Analysis, soldering, Dynamics, Statics, basic Spanish, Thermodynamics, Physics

Involvement and Extracurriculars

NAU SAE Baja capstone and club

Community council president Officer:08/21-05/22

NAU Formula SAE club

NAU Climbing club

NAU Rocket club Safety officer: 2021

Buddhism and meditation club

Women's highlining community leader