

JL

Jared Laakso

Summary of Qualifications

- 4+ years of engineering experience through coursework and academic projects.
- 3+ years of work experience in industries ranging from retail to automotive.
- Strengths include innovative thinking, mechanical skills, and a strong work ethic as demonstrated through experience as a mechanic.

Employment Experience

Auto Tek Inc. – Seasonal Mechanic
Phoenix, AZ

05/2020 – 01/2022

- Performed standardized routine maintenance and repairs
- Diagnostic and troubleshooting to identify root causes of mechanical issues.
- Completed fabrication of custom parts required for customer vehicles.
- Created new methods and procedures to complete uncommon and rare tasks based on unique and vintage customer vehicles.
- Maintained accurate records of time and materials required to perform repairs and service to document labor for customer and owner review.

Discount Tire – Tech
Flagstaff, AZ

06/2022 – present

- Provided helpful, friendly, and responsive customer service.
- Performed maintenance on tires, including rotations, balancing, and repairs.
- Installed new tires and wheels on customer vehicles.

Academic Projects

ME 476C-486C: Capstone – SAE Aero Micro
Designing, modelling, and manufacturing an aircraft to compete in the SAE Aero Micro competition.

Summer-fall 2022

ME 386W: Engineering Design – SAE Baja Design
Designing and modelling the rear suspension of the SAE Baja truck.
Utilizing SolidWorks, statics, and material science to complete project conceptualization, design, and implementation.

Spring 2022

Relevant Skills

Mechanical: General knowledge of automotive repairs, maintenance, and diagnostics.
General knowledge of bicycle repairs, maintenance, and diagnostics.

Machinery: Hand tools, drill press, hoist systems, electronic diagnostic equipment, and digital multimeter.

Software: SolidWorks, Google Drive, Microsoft Office, MATLAB, XFLR5, and ANSYS.

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Education

Expected Graduation: 12/2022

Northern Arizona University (NAU)

Bachelor of Science: Mechanical Engineering
GPA: 3.12/4.0

- Deans Scholarship Recipient

Organizational Involvement

American Society of Mechanical Engineers, NAU

- Collaborated with 10 colleagues to design a 3D- printed RC car

Cycling Club Officer, NAU

- Organized team group rides and facilitated the planning of the Spring Break Moab retreat.

NAU Trail Riders, Ride Coordinator

- Organized team skills clinics

Volunteer

NAU Bike Hub – Fall 2019

- Worked on students' bikes and repaired NAU bike fleet which are rented to students and community members.