

Hailey Hein

Aspiring Mechanical Engineer, Diverse Automotive Service Technician

(602) 376-4430
haileyhein@gmail.com

EXPERIENCE

ATD Automotive Repair, Phoenix, AZ — *Automotive Service Technician*

12/2020 - 08/2022

Completed thorough inspections of vehicles to evaluate damages and initiate repairs. Located and removed defective parts for adjustment, repair or replacement. Experience in collaborating with other mechanics to understand problems and carry out repairs.

Chip Ganassi Racing, Indianapolis, IN — *Gearbox Technician/Mechanical Engineering Intern*

05/2023 - 07/2023

Completed full inspections and assemblies of functioning gearbox mechanisms for both the IndyCar and Extreme E teams. Experience in servicing and rebuilding damper components. Acted as a member in multiple hot pit stops. Shadowed the research and development engineering team.

Andretti Global, Indianapolis, IN — *Gearbox Technician/Mechanical Engineering Intern*

05/2024 - 07/2024

Specialized in servicing IndyCar gearboxes, ensuring optimal performance and reliability of the mechanisms. Provided comprehensive race weekend support addressing any mechanical issues that arose, and fine-tuning the gearboxes for peak efficiency.

Monster Energy, Flagstaff, AZ — *Northern Arizona University Monster Energy College Ambassador*

11/2023 - 6/2025

Received cases of product to in turn, promote and sample Monster Energy at NAU affiliated clubs and campus hot spots. Constructed written reports on product sampled, and to whom it was sampled twice a month. Tracked the product dispersed via the Monster Energy College Ambassador portal.

RZR Factory Racing, Various Locations (U.S. & Baja, Mexico) — *Navigator & Mechanic*

3/2023 - Current

Supported the team as a race navigator in professional off-road competitions, providing real-time guidance to drivers while assisting with vehicle maintenance, inspections, and mechanical repairs during events.

Electrifying Torque Machines, Flagstaff, AZ — *Mechanical Engineering Intern*

5/2025 - Current

Assisted in the design, prototyping, and testing of high-performance electric motors, contributing to mechanical component analysis, assembly, and hands-on integration of motor components for testing and operational use.

EDUCATION

Boulder Creek High School, Anthem, AZ — *High School Diploma*

08/2018 - 05/2022

4.0+ GPA all four years with excelled and honors classes. Various dual enrollment classes to achieve college credits upon starting at Northern Arizona University.

Northern Arizona University, Flagstaff, AZ — *Bachelors of Science: Mechanical Engineering*

08/2022 - Expected 12/2025

Recipient of the LumberJack Scholarship while studying Mechanical Engineering. Involved in the American Society of Mechanical Engineers (AMSE) extra curricular club as well as the Society of Automotive Engineers Baja (SAE) club focusing on the mechanical engineering design process. Graduating in an excelled time of seven semesters.

SKILLS

Active listening

Multitasking abilities

Excellent communication

Analytical and critical thinking

Dependable and responsible

Organization and time management

Teamwork and collaboration

Mechanical Assembly

Troubleshooting

Hands-on Mechanical Assembly & Repair

Precision Component Assembly

AWARDS

LumberJack Scholarship

Awarded to cover one-hundred percent of student tuition based on performance and test scores.

AutoCAD Certification

Awarded by completion of three years of engineering courses and a cumulative test through Boulder Creek High School.

Various Offroad-Racing wins.

Outside of school I compete in off road races stationed mainly in the western United States and Baja Mexico, where I have experience both driving and navigating a range of different offroad race vehicles.