

# NOAH KEYES

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Mechanical engineering student at Northern Arizona University, specializing in parts design and manufacturing.

## EXPERIENCE

**AUGUST 2021 – MAY 2022**

### **RADIAL EXPANSION TESTER PROJECT, NAU**

Project to design and build a radial expansion tester for medical balloons. My responsibilities included CAD work, manufacturing, and managing the project budget.

**AUGUST 2020 – DECEMBER 2020**

### **ON ROAD ENERGY HARVESTING IN ELECTRIC VEHICLES PROJECT, NAU**

Project to design a system to recover wasted energy on electric vehicles to extend their range. My responsibilities primarily consisted of design evaluation and CAD work.

## EDUCATION

### **B.S. MECHANICAL ENGINEERING IN PROGRESS, NORTHERN ARIZONA UNIVERSITY**

Graduating in May of 2022.

### **HIGH SCHOOL DIPLOMA, PRESCOTT HIGH SCHOOL**

Graduated in May of 2017. Scored in the top 10% in my year for both mathematics and reading/writing on my SAT.

## SKILLS

- Highly skilled in Solidworks CAD and CAM software, all Microsoft Office tools, and experienced with programming in MATLAB.
- Familiar with a variety of manufacturing processes, including machining, plastic forming, and additive manufacturing.
- Work well in team environments.
- Coordinating supply and logistics for a variety of projects.
- Team resource management.

## ACTIVITIES

I like to spend time designing and modelling personal projects in Solidworks and have been certified at the level of associate for mechanical design in Solidworks. Also spend a lot of time working with cars, motorcycles, and other machinery.