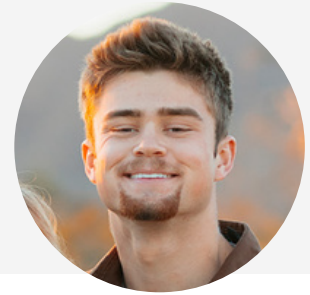






# JOE BARTA

MECHANICAL ENGINEER  
STUDENT



## CONTACT

-  480-738-1566
-  joeyb4341@gmail.com
-  Flagstaff, Arizona
-  [Joseph Barta](#)

## EDUCATION

### PERRY HIGHSCHOOL

2016-2020

- Earned a 3.83 GPA and graduated summa cum laude as a varsity and club soccer student-athlete

### NORTHERN ARIZONA UNIVERSITY

2020-2024

- Full ride scholarship
- Minor in Business
- Maintaining a GPA of 3.0
- Active in campus clubs: NAU Cycling (Mountain-biking) and Shred NAU (Snowboarding)

## SKILLS

### Technical

- SolidWorks
- MATLAB
- Engineering Design
- Materials Science
- Personal Sales
- Vertical Mill trained
- Lathe trained

### Personal

- Motivated
- Hard-working
- Creative
- Personable
- Team oriented
- Leadership

## SUMMARY

I am a motivated young man with an affinity for all things mechanical. I am eager to get my start in the engineering industry to earn and absorb everything and anything. I have specific interest in the application of engineering design, CAD, Fluid Mechanics, and heat transfer. I work well in team environments, but a balance between team and independent work is where I work best. In my free-time, I can be found studying, on the trails or the slopes.

## RECENT EXPERIENCE

### SERVER

North Italia/Culinary Dropout | Summer 2021/2022

- Experience with customer interaction and handling challenging situations
- Attention to detail and exceptional customer service

### MOUNTAINBIKING COACH

FLYRS Mountainbiking | 2020-2021

- Head and assistant coach for two seasons for kids aged 5-12
- Lead group rides and plan training activities

### SALES ASSOCIATE

Sharon's Attic | Fall-Winter 2023

- Transformed the thrift store into a welcoming environment

## PROJECTS

### Personal

- Built/rebuilt 9 electric and nitro powered RC vehicles
- Self-taught working under 3 different vehicles
- Tuned oil shocks for varying damping and spring control
- Soldering and circuit building for vintage and modern electronics

### Collegiate

- 2024 SAE Baja
- Built RC car to perform in competition
- Designed avalanche airbag backpack with AI and thermodynamic properties
- Designed SOLIDWORKS scale model of vehicle
- Analyzed local bridges for static load properties