

JOHN ROBERTS

Student at Northern Arizona University

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📍 Flagstaff



SUMMARY

I am originally from Columbus, Indiana before I moved to Flagstaff, Arizona for college at Northern Arizona University. I am currently a Senior in Multidisciplinary Engineering with an emphasis in Engineering Design, and I will be graduating in May. I am a creative person at heart with a strong desire to learn and grow. I have a deep love for the creative aspects of Engineering, such as problem-solving, creative design, R&D, and prototyping and testing. I am also a photographer, philosopher, mountain bike racer, and outdoor enthusiast.

EXPERIENCE

Event Support Staff

Coconino County Parks and Recreation

📅 05/2023 - 09/2024 📍 Flagstaff, AZ

Company Description

- Two summers spent learning how to operate many different machines in order to maintain the park grounds and assist with events.

Sales Staff

Absolute Bikes Flagstaff

📅 05/2022 - 09/2022 📍 Flagstaff, AZ

Company Description

- Purely sales experience where I learned strong organization & communication skills.

Bicycle Mechanic

The Bicycle Station

📅 02/2019 - 07/2021 📍 Columbus, IN

Company Description

- Worked both as a mechanic and as a sales employee learning the fundamentals of both.

EDUCATION

Multidisciplinary Engineering (Engineering Design Emphasis)

Northern Arizona University

📅 08/2021 - 05/2025

KEY SKILLS



Bicycle Repair

Two years spent as a bicycle mechanic learning how to problem solve through working on chaotic and complex systems designed by engineers.



Machining Experience

1.5 years spent in High School taking CNC manufacturing classes where I learned how to use 3D modeling software, CAM, and operate CNC mills.



Sales & Communication

Through working in sales at two bike shops, I gained valuable experience working with customers and learning how to communicate effectively, even in challenging scenarios.



Team Leadership

I am the project manager for my Capstone project this year and have learned many valuable lessons about how to work together with other people and lead a team towards success.



Computer Programs & Self-Learning

I have spent a large portion of my time in school learning to use a multitude of different computer software. I have the most time in Solidworks, but I have also learned a wide variety of other software including Blender, Fusion 360, MasterCAM, Excel, Adobe software, MATLAB, and more. Learning these programs has given me the ability to self-learn new software using the internet and swap between a wide variety of software. While it can be frustrating sometimes, I love learning new things and view learning as one of my strongest skills.



Self-Taught Professional Athlete

I am a downhill mountain bike racer who has climbed to a high level through years of dedication and persistence. In the last couple of years, I have managed to get two second places and one first place in the pro category at downhill mountain bike races. Learning how to come back from injury many times and continually improve at this sport has fundamentally made me into who I am now.