

# Zachary Biehl

Mechanical Engineer

## SUMMARY

Senior Mechanical Engineering student with project management and construction management experience. Team oriented and self-motivated. Proficient in organization, accountability, and reliability. Currently working on the SAE Baja capstone project. Pursuing a job in engineering or a similar field.

## PROFESSIONAL EXPERIENCE

### Construction Management Intern

Jacobs Engineering, Las Vegas, NV

May 2022–Aug. 2022

- Jacobs Engineering served as the project management team for the Regional Transportation Commission of Southern Nevada (RTC)
- Worked with a team of 8 project managers and 5 inspectors to oversee a wide range of transportation projects.
- Hydrogen Bus Infrastructure, Battery Electric Bus (BEB) Infrastructure, Maryland Pkwy Bus Rapid Transit Projects.
- Coordinate between design, construction, and project management teams to ensure our end product met the RTC's level of quality
- Both in-office and field experience.

## Relevant Projects

### 2022-2023 SAE Baja Capstone Project

- Coordinating with a team of 9 students to design and fabricate a functioning Baja vehicle
- Will compete against 99 other Universities in Washougal, WA in May 2023
- Experience designing for machining and manufacturing
- Experience with machining of parts designed

### 2022 Renewable Energy Solar/Wind Project

- Designed and installed an off-grid Solar/Wind system for a family in East Flagstaff

## CONTACT

### Phone

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### Email

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### LinkedIn

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## EDUCATION

Northern Arizona University,  
Flagstaff, AZ |

Aug. 2019 - Exp. May 2023

*BS in Mechanical Engineering*  
GPA: 3.1

## RELEVANT SKILLS

MATLAB

SolidWorks

OSHA 10 Certified

Lathe and Mill Certified

Shark Lotus Software

Microsoft Word

Microsoft Excel

Microsoft PowerPoint

Experience with Python

Experience with Bluebeam

