

# Tyler Lerew

Tyler Lerew  
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## QUALIFICATIONS SUMMARY

- Strong critical thinker and problem solver
- Exceptional verbal and written communication, organizational, and teamwork skills
- Works well unsupervised and with many different types of people and situations

## EDUCATION

**Northern Arizona University**, Flagstaff, AZ— *B.S. Mechanical Engineering*

AUGUST 2020 - MAY 2024 (expected graduation date)

**Canyon Del Oro High School**, Tucson, AZ — High School Diploma

AUGUST 2016 - MAY 2020

## PROJECTS

### [NAU Capstone Project - Optical Spectrometer.](#)

Flagstaff, AZ— *Team Lead*

FALL 2023 - SPRING 2024

- Delegated tasks and assisted team members with assignments
- Conducted background research on spectrometers
- Produced full 3D model of spectrometer design
- Selected all components and assembled device
- Collaborated with EE team, client, and professors
- Maintained encouraging and respectful working environment

## EXPERIENCE

**Northern Arizona University**, Flagstaff, AZ— *Undergraduate Mechanical Engineer*

JANUARY 2024 - PRESENT

- Designed tree stem moisture data logger
- Collaborated with EE to ensure functional design

**Delta Development Team**, Tucson, AZ— *Intern Mechanical Engineer*

MAY 2023 - DECEMBER 2023

- Created evaporator bender
- Created manufacturing jigs and helpful tools
- 3D printing (PLA, TPU & wood)
- Basic welding and soldering (pipe sweating and electrical)
- Sat in on project update meetings
- Created rollable bases for benders
- Submitted change order for a final product component
- Procured hardware and components

**Lerew Development and Design**, Tucson, AZ— *Laborer*

SEPTEMBER 2017 - PRESENT

- Attained general construction knowledge
- Created model of porch in SOLIDWORKS for customer
- Assisted in the full construction of a detached garage

## VOLUNTEER EXPERIENCE

**Captain of Ultimate Frisbee Club Team**, Flagstaff, AZ— *Chief Officer*

MAY 2022 - PRESENT

- Wrote professional emails, communicated with large groups, and managed budget and fundraising aspects of a non-profit organization
- Organized fundraising tournament and other fundraising events that raised ~\$3000 total
- Coordinated team travel plans

## SKILLS

- Time Management
- Discipline
- Communication between engineers, marketers, and production teams
- Critical Thinking
- OnShape
- SOLIDWORKS
- Google Workspace
- MS Office Suite
- MATLAB
- Construction
- Natural Leader
- Good Listener
- Attention to detail
- Creative
- Fast learner
- Positive Attitude

## AWARDS

- Dean's List First 7 Semesters of College
- State Champion Swimmer (2018)
- Record Holder for Medley Relay On High School Swim Team (2018)
- 2nd All-Region Basketball Team (2019)
- 1st All-Region Volleyball Team (2019)

## INTERESTS

- Playing basketball, volleyball, disc golf, ultimate frisbee, skiing
- Spending time in nature
- Spending time with family and friends
- Building things and solving problems

*References Available Upon Request*