

TYLER HEDGECOCK

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SUMMARY OF QUALIFICATIONS

- 8+ years of working with teams to carry out project deliverables.
- 3+ years of proficiency in Microsoft Teams, Excel, Word, PowerPoint, Solidworks, and MATLAB.
- Superb written and oral communication skills.
- Excellent problem-solving, teamwork, research, and critical thinking skills.

EDUCATION

Northern Arizona University, Flagstaff, AZ
Bachelor of Science, Mechanical Engineering

Anticipated December 2025

- 3.6 GPA
- Dean's List Fall 2021, 2023, Spring 2024
- Relevant Coursework: Programming for Engineering and Science, Numerical Analysis, Thermodynamics, Heat Transfer, Fluid Mechanics, Compressible Flow, Computer-Aided Design.

WORK EXPERIENCE

Lobby Attendant – Hilton Bell Rock Resort, Sedona, AZ

June 2022 - Present

- Collaborated with a team to carry out customer needs and requests.
- Took initiative to ensure housekeeping tasks were completed, providing a pleasant guest experience.

Computer Repair Technician – Lake Stevens School District, Lake Stevens, WA

June 2019 - June 2021

- Performed diagnostics on school laptops and provided analysis of defects (cracked screens, missing keys, etc.) to support technology usage for district personnel.
- Accumulated computers from other schools within the school district and performed inventory checks.

PROJECTS

Food Delivery Drone - Northern Arizona University, Flagstaff, AZ

August 2024 - December 2024

- Coordinated with my team to design a hydrogen-powered drone for food delivery on college campuses.
- Designed the drone under sustainability parameters, including noise reduction, longer and faster flight times, and avoiding obstacles(i.e., snow).
- Brainstormed design ideas for our drone to determine a final design.
- Demonstrated written skills in reports to communicate the design, cost, and engineering analyses for our hydrogen-powered drone.

Gore Project - Northern Arizona University, Flagstaff, AZ

March 2022 - May 2024

- Inspired by the company of the same name, the Gore project involved reusing excess cooking oil from campus restaurants as a fuel source for campus shuttles.
- Collaborated with my team to address leftover cooking oil as a pollutant due to mishandling by campus restaurants.

Remote Controlled Robot – Lake Stevens High School, Lake Stevens, WA

September 2016 - March 2019

- Collaborated with my team to test different prototypes for our remote-controlled robot.
- Oversaw the decision-making process in designing the robot for better efficiency in upcoming competitions.