

# AKSHAY PATEL

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## EDUCATION

- Northern Arizona University, Flagstaff, AZ**  
**Bachelor of Science in Mechanical Engineering** **May 2023**  
GPA: 3.41
- Flagstaff High School, Flagstaff, AZ**  
**High School Diploma** **May 2019**

## WORK EXPERIENCE

- Parking Supervisor, R-Entertainment** **Spring 2022 – Fall 2022**
- Optimized traffic flow by coordinating with coworkers
- Hotel Manager** **Summer 2021 – Spring 2022**
- Organized client data into database
  - Led design and renovation efforts on a million-dollar business
- Cashier, Safeway** **Winter 2020 – Summer 2021**
- Increased time efficiency between client interactions
  - Collaborated with coworkers in design projects

## PROJECTS

- Capstone: CWC Wind Turbine** **Fall 2022 – Spring 2023**
- Lead for pitch system and brake system design and testing. Collaborating with a team and client to build and prototype a model wind turbine which falls in compliance with 2023 CWC rules
  - Finance Manager for capstone team and Treasurer for Energy Club, which feeds the capstone competition with additional aid
- CWC Wind Turbine Competition** **Spring 2022**
- Collaborating in a team of five and working with a client to design and model a wind turbine in compliance of competition requirements
  - Performing data analysis to set complying parameters for wind turbine operation and shutdown
- Variable Power Car Project** **Fall 2020**
- Built small vehicles with various propulsion systems to complete a speed challenge, autonomous challenge and relay challenge
  - Collaborated in a team to attain formidable prototypes
  - Utilized Solidworks for vehicle design and 3D printing for rapid prototyping
- Dual Functional Bench Project** **Spring 2020**
- Collaborated in a team of four in designing a bench made solely of cardboard with a capability of transforming into a temporary shelter
  - Became the only team in the class with a fully functioning bench and temporary shelter design

## SKILLS

**Software:** SolidWorks, Matlab, Microsoft Word, Excel, PowerPoint  
**Equipment:** Overall machine shop experience with various tools and machinery  
**Language:** Conversant in Hindi; Fluent in Gujarati; Fluent in English

## Honors

College of Engineering Dean's List (GPA: 4.00) **Fall 2019**  
College of Engineering Dean's List (GPA: 3.41) **Spring 2022**