

Carson Harder

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Profile

Detailed-oriented engineering student with great proficiency in Solidworks, Fusion360, and Excel. Experience in supporting fellow peers and team members with academic projects and documentation. Eagerness to gain real-world manufacturing experience and develop practical industry skills.

Education

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

AUGUST 2023 - MAY 2027 [IN PROGRESS]

Emphasis in mechanical design, with a focus towards CAD modeling and additive manufacturing, with hands-on experience in CAD-based design and prototyping.

Experience

The Steve Sanghi College of Engineering - NAU, Flagstaff, AZ — *Teaching Aid*

JANUARY 2025 - PRESENT

- Maintaining/Allocating academic records for students based on class assignments and projects.
- Researching academic works concerning the development of manufacturing processes.
- Assist with equipment set-up, demonstrations, and academic materials.
- Effectively communicate student and assignment feedback to the instructor and students.

The Suites, Flagstaff, AZ — *Leasing Agent*

MAY 2024 - PRESENT

- Validating and updating residential records for current and potential prospects.
- Ensuring compliance with company policies and community standards by providing guidance to residents.
- Exhibiting customer service skills through answering prospect inquires and concerns
- Demonstrating effective communication concerning emergencies and property conflicts.

Panda Express, Glendale, AZ — *Line Staff*

AUGUST 2021 - AUGUST 2023

- Inspecting products for quality assurance and abiding by health/safety standards.
- Utilizing problem-solving techniques for solutions in a fast paced environment.

Projects

Solar Tracking Panel — Lead CAD Designer

Held responsibilities for creating a solar panel that utilizes a tracking sensor and dual axis rotation.

Hydraulic Crane Stem Kit — Lead CAD Designer

Worked with a team to create a crane that holds three points of rotation and a rotational base. The model held three syringes to simulate motion similar to hydraulics.

Skills

- ❖ SolidWorks
- ❖ Fusion 360
- ❖ Microsoft Excel
- ❖ Microsoft Teams
- ❖ Excellent Teamwork
- ❖ Expertise in Coordination
- ❖ Analytical Reasoning
- ❖ Reliability
- ❖ Eager to Develop