

Colin Parsinia

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Summary of Qualifications

- 9+ years of experience working hands on with power tools and similar equipment.
- Adept problem-solving skills, with a focus on making solutions simple and effective.
- Strong Work Ethic and a drive not to leave a task unfinished.

Education

Bachelor of Science in Mechanical Engineering

Expected 5/2026

Northern Arizona University (NAU) | *Flagstaff, Arizona*

- 2.84 GPA

Relevant Coursework/Academic Projects & Presentation

ME-286 Engineering Design: Process | NAU

Fall 2022

- Acquired knowledge in the intricacies of designing products for mass manufacturing.
- Learned which production methods are most cost effective for products of different complexities.

ME-180 Computer Aided Design | NAU

Fall 2022

- Studied and gained comprehension of how to create engineering drawings of parts and assemblies combining multiple parts using SolidWorks.
- Created complex assemblies consisting of multiple complex parts.

ME-180 Final | ME-180 Computer Aided design | NAU

Fall 2022

- Designed an entire 6-cylinder head engine block for a car, including a camshaft in the assembly.

ME - 476C/486C Mechanical Engineering Design I & II | NAU

Fall 2025-Spring 2026

- Worked as part of the Robotics Traveling Van capstone project group, serving as the team's manufacturing lead and design lead for the 3D printed components in the Pendulum robot built for the project.

Experience

Associate | Family-employed | *Newbury Park, California*

4/2021 - 5/2023

- Assisted with the demolition and reconstruction; redesign/remodeling of family homes.
- Experience with safety protocols and handling of hardware tools such as: drills, table saws, hammers.
- Participated in the designing of a shed, including the utilization of trigonometry.
- Experience installing electrical features such as: ceiling fans, overhead lamps.

Member | Robotics Club | *Newbury Park, California*

4/2021 - 5/2023

- Competed in a team of 4 at a Vex Robotics Competition
- Responsible for most machining work on the team
- Competed in a team of 6-10 in the First Robotics Competition
- Assisted in the machining and riveting of multiple parts to the robot.

Volunteer | Sequoia Middle School | *Newbury Park, California*

4/2021

- Participated in the organization and streamlining of the process of middle school orientation.
- Helped distribute course schedules while working with other volunteers.

Software Experience

- Google Drive, Handshake, Blackboard Learn, SolidWorks, Google Docs, Google Slides, Microsoft Teams

Skills & Competencies

- Problem Solving, Teamwork, Communication, Analytical, Power tools, Machining equipment, Basic Wiring