

ETHAN ZALESKI

PROFILE

Upcoming Mechanical Engineering graduate from ABET-accredited BSME Program. Seeking an entry level Mechanical Engineering position.

CONTACT

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RELEVANT SKILLS

Microsoft Office

Microsoft Excel

SolidWorks

MathWorks MATLAB

EDUCATION

Northern Arizona University: Flagstaff, AZ
Bachelor of Science in Mechanical Engineering,
May 20th, 2017 – December 13th, 2022,

Completed Courses in Major:

- Calculus, Chemistry, Statics, Dynamics, Mechanics of Materials, Structural Analysis, Electrical Engineering, Fluid Mechanics, Machine Design, Thermodynamics, Experimental Methods in Thermal Sciences, Heat and Mass Transfer, Renewable Energy

Senior Design Capstone Project:

- Assisted Engineering department in Reverse Engineering and Designing a tracked robot vehicle for use in introductory Engineering course classrooms.
- Created models using SolidWorks and participated in client development meetings.
- Contributed idea for change in chassis design that is expected to reduce part quantity and decrease manufacturing cost/time. Product is in preproduction design phase.

WORK EXPERIENCE

The Home Depot Freight Team Associate – Flagstaff, AZ

May 2020 – Present

- Intake and process 40,000 cartons per month to ensure the store is stocked and ready for business.
- Maintain products on shelves as well as organize overhead management for cleanliness and product availability.
- Adhere to the safety guidelines within the warehouse.
- Coach new associates on the day-to-day expectations of the company and provide equipment training when needed
- Manage HAZMAT items. Responsible for cleanup and storage of hazardous materials in accordance with MSDS

CSAA Insurance Group (CSAA-IG), AAA Service Agent Summer Intern – Glendale, AZ

May 2019 – August 2019

- Maintain accurate up to date files of millions of members
- Collaborated with Senior executives across the United States to execute a goal of 20% increase in processed claims tickets.
- Analyzed and balanced claims tickets insurance premiums for AAA policy holders.

Camp Raymond, Camp Store Assistant Manager, Boy Scouts of America – Flagstaff, AZ

Summer 2014-2018

- Maintained store purchasing orders and stocking for onsite camp store.
- Oversaw new employees on the proper managing of food and beverage items.
- Coached new hires on how to properly balance cash registers and vault systems.

TECHNICAL SKILLS

Programs: SolidWorks, MATLAB, MS Office Suite (Word, Excel, Powerpoint, Teams)

Research & Design: Project / Quantification Planning. ISO & Safety compliance. Process Analysis Design & Validation. Manufacturing Specifications. GD&T, 3D Printing
