



# ANDERS NELSON

1802 West Lincoln St, Apt 13, Bozeman, MT 59715  
andersnelsonmt@gmail.com / 774-563-9551  
WWW: andersnelsonportfolio.com

## SUMMARY

Mechanical Engineer with a 3.94 GPA and FE certification, experienced in mechanical design, systems analysis, and GD&T. Strong background in SolidWorks, MATLAB/Python, and interpreting complex engineering drawings. Hands-on experience supporting safety-critical, multi-disciplinary systems under performance, cost, and schedule constraints. Seeking an entry-level role in aerospace structures, propulsion support, or mechanical systems design.

## EMPLOYMENT HISTORY

**Engineering Consulting Intern** / IMEG - Billings, MT 05/2025 - 08/2025

- Designed and specified mechanical systems under performance, safety, and regulatory constraints.
- Produced and reviewed multi-disciplinary engineering drawing sets, ensuring clarity, accuracy, and buildability.
- Performed load calculations and system performance analyses to support design decisions.
- Collaborated with architects and engineers to resolve interface conflicts and optimize system integration.

**Field Engineer Intern** / PCL Construction - Denver, CO 05/2024 - 08/2024

- Interpreted professional engineering drawings and specifications to support execution and verification.
- Assisted with material, cost, and schedule trade studies for engineered systems.
- Used digital tools to track quantities, tolerances, and deviations from design intent.
- Communicated technical constraints and design intent between engineers, architects, and field teams.

## PROJECTS

### Senior Capstone – Mechanical Design Project

- Designed a mechanical system from concept through prototyping using SolidWorks and FEA.
- Applied GD&T and iterative design refinement to meet performance and manufacturability targets.
- Balanced structural integrity, manufacturability, and cost constraints.
- Documented design decisions, testing results, and recommendations for future iterations.

## EDUCATION

**Bachelor of Science: Mechanical Engineering** 12/2025

Montana State University - Bozeman, MT

- 3.94 GPA
- NCEES FE Exam (Mechanical), 2025

## SKILLS

- CAD and mechanical design
- MATLAB and Julia programming
- Engineering documentation and drawings
- Project management
- Complex problem solving
- Systems integration and requirements analysis