

Kian Pack

Email: kianpack@gmail.com | Phone: (520)-252-6709 | [LinkedIn](#)

Summary of Skills:

Mechanical engineer with experience in the management of capital improvement projects in a manufacturing environment. Committed to improving safety, sustainability, and productivity by implementing innovative solutions to existing and novel problems.

Education:

- ❖ **Northern Arizona University** Expected December 2025
Bachelor of Science, Mechanical Engineering, *Flagstaff, AZ*
 - Classical Studies Minor
 - GPA 3.89
 - Dorrance Program Scholarship (DSP); Lumberjack Scholarship
 - ❖ **University of Arizona** 2023
Non-Degree Seeking Student, *Tucson, AZ*
 - GPA 4.00
 - Semester Study Abroad
 - Summer Innovation Program
-

Work Experience:

- ❖ **Nestlé-Purina Pet Care** June 2024-Present
Process Engineering Intern, *Flagstaff, AZ*
 - Develop and manage capital improvement projects in process and administrative areas, with values of over \$250,000
 - Perform principal engineering analyses for new equipment installations, driving plant engagement with division-wide sustainability initiatives
 - Manage and reorganize entire mechanical CAD drawing repository of over 500 items
-

Extracurricular Experience:

- ❖ **Flagstaff Family Food Center** Spring 2022-Present
Volunteer Food Box Distributor, *Flagstaff, AZ*
 - Coordinate a team of volunteers in a warehouse environment to efficiently distribute food to over 50 families per shift
 - Evaluate the quality and condition of food before providing it to people in need
-

Technical Experience:

- ❖ **MATLAB**
 - Advanced operations; Numerical approximation and model-building
 - ❖ **Autodesk AutoCAD**
 - Drawing creation and management; Autodesk Vault integration and migration
 - ❖ **SOLIDWORKS**
 - Component modeling & assembly construction; engineering sheet creation and management
 - ❖ **ANSYS Fluent**
 - Complete analysis workflow, from modeling and meshing to post-processing and report generation.
 - ❖ **Mill and Lathe Operations**
 - Manual and basic CNC operations; Steel and aluminum parts
-

Relevant Projects:

- ❖ **DSP Innovation and Entrepreneurship Project**
 - Directed principal research for a program facilitating life skills development for local students
 - Worked in a team to present project proposals to a wide range of community stakeholders
- ❖ **Mechanical Engineering Capstone Design Project**
 - Took leading role in development, prototyping, testing, and presentation of novel system for Particle Imaging Velocimetry in the NAU Bioengineering Devices Laboratory