

Owen Kehl

1879 W Hawkrigde St
Tucson, AZ 85737

520 850 8249
owen.kehl2003@gmail.com

Objective

To obtain an internship that incorporates the use of mechanical engineering in design or manufacturing roles, gain further experience in the workplace by contributing to projects, and continue building problem solving skills.

Education

Northern Arizona University / Bachelor of Science, Mechanical Engineering Expected Completion in May 2026

Flagstaff, AZ

Pusch Ridge Christian Academy / High School Diploma Awarded May 2021

Tucson, AZ

Skills

Technical/Engineering

- Completed coursework for mechanical engineering degree
 - Calculus
 - Computer Aided Design (Solidworks)
 - Computer Science (Matlab)
 - Dynamics
 - Materials Science
 - Physics
 - Statics
 - Thermodynamics
- 3D Modeling Experience
 - Designed concept assembly with 30 parts
 - Completed drawings for each part

General

- Project Planning
 - Headed 3D design project in CAD course
 - Coordinated meeting times with partner
 - Standardized part interfaces and dimensions
- Communication
 - Excellent writing and presenting skills
- Other Skills
 - Microsoft Word
 - Microsoft Excel
 - Microsoft Powerpoint

- Inkscape (Open source graphic design software)
- Sketching and hand drawing skills

Awards

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- NAU Lumberjack Scholarship
 - Captain of PRCA Drumline 2020-21
 - Director's Award for Band at PRCA 2021
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Job Experience

Raytheon (Missile Systems Division), an RTX Company / Structural Analysis Intern

Summer 2024, Tucson, AZ

- Worked with tools such as Ansys and Creo to verify stability of product parts
- Performed modal analyses on systems related to TOW and Patriot missiles
- Presented analysis results in peer reviews

Marco's Pizza / Insider

Summer 2022, Tucson, AZ

- Part of kitchen crew, held as temporary summer job

The Journey Church / Facilities Assistant

Summer 2021, Tucson, AZ

- Worked with facilities administrator on campus improvement projects
- Helped with ethernet installation by wiring outlets with Cat 6 cables

Personal Interests

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- Hiking
 - Reading
 - Playing Drums
 - History