

Aerospace/Mechanical Engineering Internship

Apogee Worx, LLC, is hiring an Aerospace/Mechanical Engineering intern. The ideal individual must be pursuing a Bachelor's or Master's degree in Aerospace or Mechanical Engineering graduating in Winter 2022 or Spring 2023. The internship will start when the individual is available to work or no later than the end of the individual's 2022 spring school semester. The individual will be expected to work full time during non-school time and half-time until graduation at Apogee Worx's Ogden Airport office.

The individual will work within the small engineering team helping to define, develop, and test project(s) having immediate impact. You will get hands-on experience with a multitude of different projects. Our goal is to mentor and train engineering students so that good performing interns can become full time engineers at Apogee Worx.

Apogee Worx, LLC is a growing DoD aerospace business located in the Ogden, UT area delivering leading edge solutions to the military and para-military aviation markets. We are looking for individuals who will thrive in a challenging, project-based environment with a charter of providing state of the art capabilities to legacy aircraft.

Responsibilities include:

- **Develop detailed aircraft designs, including mounts and wire harnesses, into production level drawing packages**
- **Perform data analysis to include stress, vibration, and crash safety**
- **Develop prototypes and conduct testing**
- **Prepare and submit reports**
- **Work with production to ensure producible designs**

Basic Qualifications

- **Be enrolled full-time and pursuing an undergraduate or graduate degree from an accredited college/university AND graduating after December 2022 and before July 2023**
- **Be available to work full-time (40 hours per week) for at least for 13 weeks during summer 2022 and part time (20 hours per week) during the school year**
- **Be majoring in Aerospace or Mechanical Engineering**
- **MUST be a US citizen. Must have the ability to obtain a Secret clearance. A current Secret clearance is a plus**

Desired skills

- **Previous internship/co-op experience, leadership & teamwork capabilities, interpersonal communication skills, and activities (professional / community / extracurricular)**
- **Experience or coursework in systems engineering a plus**

- **Hands-on mechanical and/or electrical prototyping experience demonstrated with a project portfolio**
- **Electrical harness design**
- **Experience in software development**
- **3D Design experience in NX, Team Center, and/or Solid Works is a plus**
- **Good Communication Skills**
- **Familiarity with aircraft avionics to include displays, processors, sensors, radars, electronic warfare and their associated data bus architectures**