



AEROSPACE ENGINEERING INTERN

Job Responsibilities

- Fully participate in and support the Fulcrum Concepts Quality Management System
- Assist with designing major components, or major portions of a functional system, or technically advanced prototype, promotional or specific products
- Assist with the development or improvement of products and facilitate manufacturing operations
- Assist with making layouts of assemblies and details parts of devices, mechanisms, structures, and products
- Help contribute to the development of mechanical, electromechanical, structures, and weapons systems using 3D CAD software (Solidworks)
- Apply engineering principles to solve technically complex design problems
- Understand customer requirements, work well in a team environment, and communicate effectively individually and in groups

Knowledge and Experience

- Experience working in teams to accomplish tasks and meet mutual objectives
- Proficiency using MATLAB or similar data analysis tools to evaluate complex data sets
- Strong math skills and ability to learn complex engineering concepts
- Familiarity with Linux and open source tools

Additional skills that are not required but beneficial include:

- Prior military experience or involvement in DoD projects and applications
- Active DoD Security Clearance
- Understanding of operational concepts involving complex system architectures
- Ability to clearly articulate technical ideas and concepts using verbal and written communication skills

Security Clearance Requirement

- Subject to a security investigation and may need to meet eligibility requirements for access to classified information and a SECRET, TS, or TS/SCI clearance may be required as well.

Education

- Pursuing a Bachelor's degree in Aerospace Engineering or closely related field

Give me a lever long enough, and a fulcrum on which to place it, and I shall move the world - Archimedes



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- 2.0 or higher cumulative GPA

The assigned personnel are responsible for the listed duties and responsibilities plus any other direction and responsibilities assigned by the Managing Members.

Fulcrum Concepts, LLC is a service disabled, veteran-owned, small business that provides innovative services and products to solve requirements for its customers. Fulcrum Concepts, LLC specializes in solutions for tactical aviation organizations and is structured to provide comprehensive solutions that begin with an initial requirement and end with fielded products. At Fulcrum Concepts, the unique combination of operational experience and a robust aerospace engineering capability enable the company to provide elegant, lightweight, enduring solutions for its customers.

Fulcrum Concepts, LLC provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, national origin, age, disability, or genetics. In addition to federal law requirements, Fulcrum Concepts, LLC complies with applicable state and local laws governing nondiscrimination in employment. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation, and training.

