



Job Description

EngeniusMicro is seeking a self-motivated Mechanical Engineer with a demonstrated experience in machine design and manufacturing.

Candidate will be responsible for:

- 1) Design of specialized machines and mechanisms while performing basic mechanical analysis when needed,
- 2) Sourcing raw materials, components, or vendors to create designed components
- 3) Coordinating the manufacturing of components and assemblies (internally or externally)
- 4) Assembling, running, and maintaining machines

Basic Qualifications (Required Skills/Experience):

- Bachelor of Science in either Mechanical Engineer, Robotics or related discipline, with at least 3 years' experience demonstrating the skills listed below.
- Extensive experience designing mechanisms and machines.
- Experience in precision assembly of mechanisms and machines.
- Demonstrated knowledge of design for manufacturability
- Extensive knowledge of common materials including their usage, limitations, and compatibility.
- CAD and Drafting Expertise (Solidworks)
- Experience with the application of mechanics of materials, heat transfer, and basic physics principles such as conservation of energy to solve engineering problems.
- Excellent Oral/Written Communication skills
- Detail oriented and focused on precision

Preferred Qualifications (Desired Skills/Experience):

- Experience operating robots or automated systems.
- Experience with basic electromechanical, pneumatic, and fluid hardware such as pumps, fans, servo motors, and stepper motors.
- Experience with lathe turning, milling, and welding
- Experience with using shop tools such as band saws, drill presses, bench grinders etc.
- Experience performing basic metrology using surface plates, gauge blocks, dial indicators etc.
- Basic knowledge of DC electronics.

***Security Requirements:**

Candidate must be a US Citizen and meet the eligibility to obtain (and maintain) a Secret Clearance.

Job Type: Full-time

***EngeniusMicro is an equal opportunity employer. Qualified applicants will be considered without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality, sex, or veteran status.**