ECHO DESIGN & INTEGRATION

Pay: $60K - $90K annually

Position Overview

We are seeking a motivated a detail oriented Associate Design Engineer to join our engineering team. In this role, you will collaborate with experienced engineers to support the design, development, and implementation of mechanical systems and components. This is an excellent opportunity for an early-career engineering professional to gain hands-on experience while contributing to innovative projects and technical solutions.

Key Responsibilities

- Collaborate with senior engineers to design and develop mechanical systems, equipment, and components, ensuring compliance with project requirements, industry standards, and applicable codes.
- Assist in the preparation of engineering drawings, models, and specifications using CAD (Computer-Aided Design) software.
- Participate in prototype fabrication, assembly, and testing activities, documenting and analyzing test results.
- Plan, estimate, prioritize, and manage work activities to support meeting project schedules and budgets. Utilize experience and judgment to plan and accomplish goals.
- Generate and review product development documentation, including proposals, technical reports, procedures, correspondence, etc. necessary to satisfy customer and program requirements.
- Self-directed and motivated while working and communicating effectively within a team environment that consists of several engineering, operations, quality, and business disciplines.
- Perform design experiments and evaluate test results to validate analysis.
- Ensure compliance with industry codes, regulations, and safety standards.
- Document and present project progress, analysis results, and design specifications.

Minimum Qualifications

- Bachelor’s degree in engineering preferred
- Proficiency in 3D modeling techniques and drawing standards.
- Practical experience using 3D CAD (SOLIDWORKS), CATIA and PDM systems.
- Hardware delivery experience and sound technical knowledge of electro- mechanical design is preferred.

- Strong verbal and written communication skills.
- Continuous learning mindset and willingness to stay updated with modern technologies

Why Work at EDI?

- Competitive compensation and benefits package
- Opportunities for growth and skill development
- Supportive, collaborative team environment
- Meaningful work in the exciting field of aerospace manufacturing

Additional Information

- Selected candidates will be required to complete a weld sample test during the interview process.
- Due to ITAR requirements, applicants must be U.S. Citizens or U.S. Lawful Permanent Residents or otherwise authorized to access USML technical data.

Work Environment

Work is performed in a manufacturing environment with exposure to moving mechanical parts, occasional fumes or airborne particles, and loud noise levels. Safety equipment is provided. You may be expected to travel to customers in your area and different states.

Job Type: Full-time

Benefits:

- 401(k)
- 401(k) matching
- Dental insurance
- Health insurance
- Life insurance
- Paid time off
- Vision insurance

Work Location: Spokane Valley in person