

Junior Systems Engineer



About Us

Crescent Systems, Inc. (CSI) is a leading aerospace technology firm that designs, develops, implements, tests, deploys, and sustains reliable and rugged electrical, software, and hardware systems solutions for complex problems in the aerospace industry. Our integrated solutions teams focus on delivering high-performance products and services to meet our clients' needs. Our core values of ethics, quality, and community guide every conversation, decision, and interaction.

Job Description

We are seeking a talented and motivated Junior Systems Engineer to contribute to our system development and engineering efforts. As a Junior Systems Engineer, you will have the opportunity to work on cutting-edge aerospace projects and support the full lifecycle of system development, from proposal to deployment. You will collaborate with cross-functional teams, including engineering, system architects, and leadership, to ensure the successful implementation of system requirements. Your responsibilities will include:

- Managing program requirements throughout all phases, including proposal, design, implementation, test, and deployment.
- Demonstrating effective communication and collaboration skills to work seamlessly with team members and stakeholders.
- Supporting and improving Systems Engineering processes and procedures to optimize efficiency and quality.

The selected candidate will be subject to government security investigations and must meet eligibility requirements for access to classified information.

Essential Duties, Responsibilities, and Qualifications

- Bachelor's degree in engineering or equivalent related experience
- Documenting and decomposing system, subsystem, and component requirements
- Allocating requirements to system elements and functions
- Analyzing requirements traceability and verification
- Reconciling requirements conflicts, ambiguities, or gaps
- Preparing system design documents and presentations
- Collaborating with engineering, system architects, and leadership
- Reviewing designs and documents to ensure requirements are satisfied
- Estimating material and labor costs
- Strong understanding of Systems Engineering principles and requirements management
- Must be a U.S. citizen
- Ability to obtain a DoD Secret security clearance
- Proficient with Microsoft Office tools

Preferred Qualifications

- Experience working in JAMA requirements management software.
- Familiarity with Model-Based Systems Engineering practices and tools such as Cameo Systems Modeler.
- Current Secret or Top-Secret security clearance.

Why Work for Crescent Systems?

At Crescent Systems, Inc. (CSI), we have cultivated a company culture that revolves around community and collaboration. We believe in fostering a supportive and inclusive work environment where employees are encouraged to thrive both personally and professionally. We are an employee-owned company and provide free medical, dental, and LTD to each of our employees. As an organization, we value excellence in every aspect of our business, from our products and services to our relationships with customers and our staff. Meeting company goals and fulfilling commitments is not just a priority but a source of pride, ensuring exceptional customer satisfaction.

If you're seeking to be part of a company that upholds strong values of ethics, quality, and community, then join us at Crescent Systems, Inc. We are always looking for dedicated individuals who share our vision and are ready to contribute their skills and expertise to our dynamic team.

Apply now to explore exciting career opportunities at Crescent Systems!

Job Type: Full-time

Salary: From \$80,000.00 per year

Experience level: 4 years

Schedule: 8-hour shift, Monday to Friday

Application Question(s):

- The selected candidate will be subject to government security investigations and must meet eligibility requirements for access to classified information. Are you a U.S. Citizen?

Education: Bachelor's (Required)

Experience:

- Systems engineering: 4 years (Required)
- Allocating requirements to system elements and functions: 2 years (Preferred)
- Analyzing requirements traceability and verification: 2 years (Preferred)
- Reconciling requirements conflicts, ambiguities, or gaps: 2 years (Preferred)
- Preparing system design documents and presentations: 2 years (Preferred)

Work Location: Onsite in Richardson, TX