

# SENIOR SOFTWARE ENGINEER

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**Requisition Number:** 20-13  
**Job Title:** Sr. Software Engineer  
**Career Level:** Mid-Level  
**Location:** Littleton, Colorado  
**Relocation:** Negotiable  
**Education Required:** Bachelor's degree or equivalent experience in Computer Science or related field.  
**Years of Experience:** 8+  
**Travel:** As Necessary

**Job Description:** Oakman Aerospace, Inc. (OAI) seeks a full-time Sr. Software Engineer to provide full life cycle (requirements, design, develop, and test) software engineering for space and test systems and assist with developing and maintaining build processes for these systems. The applicant will be expected to fulfill a leadership position in guiding, instructing, and mentoring other junior engineers in best practices, policies and procedures, coding standards, and task management. Candidate will support OAI's modular architecture approach, must be proficient in C/C++, and possess a clear understanding of software principles and object oriented analysis, design, and development. This position requires all work to be performed on site (no telecommuting) and U.S. Citizenship is required.

**Basic Qualifications:**

- Self-motivated; performs tasks with minimal oversight
- Experience in a multi-discipline environment
- Sound leadership skills to lead a small and dedicated development team
- Proficient in Microsoft Excel, PowerPoint, Word
- Excellent verbal and written communication skills; the ability to professionally communicate and coordinate with a wide range of external program sponsors as well as internal management
- Sound time management skills, attention to detail, and priority management to meet deadlines
- Must be results-oriented, with the ability to change priorities as needed

**Required Skills & Knowledge:**

- Object Oriented Analysis and Design techniques
- Ability to mentor and lead junior level developers
- Experience across the software development lifecycle experience with formal software development practices including software version control (git), coding standards and code reviews
- Experience with Continuous Integration and Automation using GitLab or a similar tool
- Experience building against both Windows and Linux operating systems
- Experience working with Virtual Machines
- Experience programming with C/C++
- Experience with software and system automation (e.g. Python, Perl, shell scripting)
- Familiarity with GoogleTest or a similar unit testing framework
- Strong analytical and problem solving skills

**Desired Skills:**

- Familiarity with Linux-based open source development programs
- Experience working with Docker or similar containerization tools
- Experience with embedded software development and test
- Knowledge of aerospace engineering principles
- Experience with flight software development
- Experience working with flight hardware



- Experience with various communications bus protocols (e.g. MIL-STD-1553, RS-422, CANBUS, SpaceWire, etc)

**About OAI:**

OAI is on a mission to advance the future of space through innovative and groundbreaking technologies that Enable Your Journey Through Space. Our employees are the foundation of OAI and our products and services reflect their vision of the future. Our team members come from a variety of backgrounds and experiences, and have an unwavering commitment to always do the right thing for OAI's customers, teammates, and stakeholders. They leverage their own skills and that of their peers to unlock the next solution that will revolutionize space. Our company culture is driven by this passion for disruption in the space industry, fosters employee growth and development, and promotes collaboration within our community.

Oakman Aerospace, Inc. (OAI) is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status, or disability status. OAI is a drug-free workplace.