

# SOFTWARE ENGINEER

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**Requisition Number:** 20-04  
**Job Title:** 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:** 5-10 years  
**Travel:** As Necessary

**Job Description:** Oakman Aerospace, Inc. (OAI) seeks a full-time Software Engineer to provide full life cycle (requirements, design, develop, and test) software engineering for space and test systems. 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.

**Basic Qualifications:**

- Self-motivated; performs tasks with minimal oversight
- Experience in a multi-discipline environment
- 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:**

- Experience programming with C/C++
- Experience with software and system automation (e.g. Python, Perl, shell scripting)
- Experience across the software development lifecycle experience with formal software development practices including software version control (git), coding standards and code reviews
- Familiarity with GitLab or a similar tool
- Familiarity with GoogleTest or a similar unit testing framework
- Object Oriented Analysis and Design techniques
- Strong analytical and problem solving skills

**Desired Skills:**

- Experience with various communications bus protocols (e.g. MIL-STD-1553, RS-422, CANBUS, SpaceWire, etc)
- Experience with flight software development
- Familiarity with Linux-based open source development programs
- Knowledge of aerospace engineering principles
- Experience working with flight hardware
- Experience building software on embedded targets

**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.