



## SOFTWARE ENGINEER

**Requisition Number:** 18-12  
**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:** 3-10 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) embedded 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 and performing 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

**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 with an emphasis on rigorous development practices for flight hardware
- Experience with formal software development practices including software version control, coding standards and naming conventions
- Object Oriented Analysis and Design techniques
- Strong analytical and problem solving skills
- Organizational and time management skills to prioritize workload and meet time-sensitive deadlines required. Must be able to work under pressure and time constraints. Must be results-oriented with the ability to change priorities as needed

**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
- Knowledge of electronics, circuits, board layout a plus
- Understanding of and experience using VxWorks and VxWorks Workbench (or similar RTOS)