

**Job Title:** BMDS Test Engineer (Automation)

**Location:** Schriever Air Force Base, CO

**Clearance:** Top Secret

**Level:** Mid-Career

Position Description:

Candidate will operate primarily out of a government facility supporting the Missile Defense Agency's Digital Modeling and Simulation program. This position involves hands-on support for MDA's Digital Ballistic Missile Defense System (BMDS) simulation used in the assessment of MDA's tactical systems. Tasks include installation and configuration of the simulation software, troubleshooting and root cause analysis of anomalies and defects, and the providing of technical support during various MDA activities. These tasks will primarily be performed in the local government facility, but some travel may be required.

Primary Duties and Responsibilities:

- Develop and configure test automation frameworks and execute functional, regression and performance tests for the Ballistic Missile Defense Digital Modeling and Simulation Enterprise.
- Coordinate with product management and software engineers to deliver high quality software releases.
- Execute test automation using software test tools that you may build or help acquire.
- Apply, design and develop automated testing strategies and build automated testing frameworks.
- Analyze and verify best automated and manual test approaches and execute integration, acceptance, and installation testing.
- Participate in product design to guarantee adherence of test coverage for meeting end user requirements.
- Record test results and report and verify software bug fixes to accept automation criteria.
- Coordinate with the program and development manager in product development lifecycle to conform to user, product and quality requirements.
- Analyze performance test requirements, develop test plans and debug to understand test objective requirements.
- Handle performance testing and present results for verification and analysis to the project team.
- Establish test strategies for both manual and automated test suites.
- Understand and support the company's goals and objectives.

Minimum Requirements:

- Bachelor's degree in computer science, computer engineering, or related technical discipline and a minimum of five year's related experience.

- Five (5) years directly related experience.
- Demonstrated understanding of test automation.
- Security + Certification
- This position requires the selected candidate have an active DoD Secret clearance with the ability to obtain a TS/SCI clearance.

Required Skills:

- Experience developing test plans and integration objectives.
- Understanding of C, C++ and/or other programming languages.
- Experience in formulating and defining system scope and objectives based on requirements documents
- Working knowledge of the Linux operating system (or other Unix variants)
- Strong written and verbal communication skills

Preferred Capabilities/Experience

- Background using Jenkins, Ansible, and other automation technologies
- Experience transitioning manual test programs to automated testing techniques
- Background in object orientated development, C++ and/or Java

Security Clearance Requirements:

- Position requires that candidate possess an active TOP-SECRET security clearance in order to access classified information. Inability to maintain a security clearance will result in candidate being ineligible to support this position.