

Job Title: IT&V Systems Engineer (Mid-Level)

Location: Schriever Air Force Base, CO

Clearance: Top-Secret

Level: Mid-Level

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 with some travel required.

Primary Duties and Responsibilities:

- Lead Systems Engineering efforts supporting development and drafting of Digital IT&V plans, roadmaps, Test and Verification (IT&V) DoD Architecture Framework documents,
- Maintain project IT&V schedules, roadmaps, Plan of Action and Milestones (POA&M) and other project management requirements.
- Develop and/or revise digital test case development and test verification plans, such as the Continuous Integration and Test Plan (CITP).
- Develop a plan to automate IT&V process and procedures, to include tool development.
- Draft an IT&V System Engineering Plan (SEP).
- Provide System Engineering support for Test Verification Analysis.
- Provide System Engineering support for analysis and verification of a digital modeling and simulation capability.
- Provide System Engineering support for Integration of element and component models of the Digital Prototype as they feed into the ideation and design of Early Digital Product (EDP).
- Provide System Engineering support in identifying IT&V digital M&S risks, and further, develop risk mitigation strategies.
- Daily coordination with other MDA directorates.

Minimum Requirements:

- Bachelor's degree in Engineering, Computer Science, or related technical discipline
- Five (5) to eight (8) years applicable progressively complex related experience.
- Demonstrated experience of the BMDS mission, architectures, behaviors and capabilities.
- This position requires the selected candidate have an active DoD Secret clearance with the ability to obtain a TS/SCI clearance

Required Skills:

- Knowledge using MySQL and/or other query tools to gather and interrogate large data sets.
- Experience in understanding how Big Data analytics and statistical analysis can be used for digital M&S.
- Strong written and verbal communication skills.

Preferred Capabilities/Experience

- Experience with digital simulations integration.
- Experience with hardware/software/network integration.
- Experience with troubleshooting hardware and software defects.
- Strong background with Ballistic Missile Defense programs.
- System Engineering Requirements Support for exercises.
- System Test requirements for verification of new capabilities.
- Scenario development support.

Security Clearance Requirements:

- Position requires that candidate possess, or be able to acquire 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.”