

Position Title: Information Analyst/Senior Technical Tester

Location: Largo, MD

Job Description: Strong analytical, communication, and documentation skills. Strong experience in software process methodology and commonly used concepts and practices in the software-engineering environment across all phases of the lifecycle. **SEI CMM Level 3** working experience implementing and maintaining compliant key process areas relative to testing. Familiarization with GSMS. Pro-actively identifies areas within work area scope that are non-compliant, helps define processes or corrective action in those areas and follows through with remedial actions.

Job Requirements:

1. Analyze current testing methods/processes to identify improvements to effectiveness and productivity. Analyze current CM, requirements, and release processes as they effect testing to identify similar improvements.
2. Use an automated test tool (**WinRunner**) to automate regression testing; proactively identify other more suitable tools. Must be fluent in the languages which support the query and management of Sybase and Oracle data sets; independently create and manage data sets.
3. Translate requirements into automated test scripts. Independently write and maintain the code for the automated test scripts. Must be willing to work with, or oversee, the automated testing activities of our Solution Centers to ensure a coherent and consistent set of test scripts across all testing functions.
4. Cross train other members of the testing team to allow for more flexibility and quicker response. Must be willing to cross train other members of the customer's team to understand the unit testing, interface testing, FQT, IV&V, and GAT testing processes, methods, and tools.
5. Develop and execute test plans, test scripts and test analysis reports to facilitate consistency and ease of re-use of testing documentation between releases.
6. Use internal customer FQT and IV&V procedures (TPR process, delivery process, etc) in order to manage the IV&V SAT, GAT and internal release procedures. Must be responsive to answering questions from the IV&V.
7. Prepare and attend requirements phase reviews, internal and external to the testing team, to improve the testability and traceability of requirements from the focus of a tester.
8. Use **DOORS/Source Integrity, PVCS VM, and PVCS Tracker** tools to manage requirements, changes to requirements, and testing baselines.
9. Ability to manage personal workload in accordance with the priorities established in the Release Plan and the Release Schedule.

Work in a mutually dependent and supportive relationship with the configuration management team, which is vital to the successful delivery of quality products to the Government. Whereby, the tester relies on CM to ensure that the testing environment is stable, that all software changes are forwarded to the testing team for formal testing in a controlled manner, they will fully test the software in accordance with the latest baselined, approved requirements and associated testing plan, and they will identify problems encountered during testing within a formally controlled tool according to a documented process.