

We are a CMMI Level 3 company that delivers leading-edge information technology (IT), process improvement and advanced program management solutions for our Federal defense, civilian and commercial customers. We pride ourselves on finding innovative yet realistic ways to meet the requirements our clients bring to us, and to deliver far beyond expectations. We are currently seeking a Software Test Engineer to join our team in downtown Silver Spring.

### **Software Test Engineer**

Sr. Test Engineer to work on the Advanced Weather Interactive Processing System (AWIPS) supporting our client in downtown Silver Spring. You will have the unique opportunity to work with this technologically advanced information processing, display, and telecommunications system that is the cornerstone of the National Weather Service (NWS) modernization and restructuring. AWIPS is an interactive computer system that integrates all meteorological and hydrological data, and all satellite and radar data, for the first time, and enables the forecaster to prepare and issue more accurate and timely forecasts and warnings. The candidate will be responsible for creating program test cases and procedures, ensuring test cases and procedures meet program requirements, and assisting in or writing the final test report. The candidate will participate in test readiness reviews and design reviews. Duties will include but are not limited to: analysis of system-level requirements and managing changes as they affect test cases and procedures; development, tracking, monitoring of derived requirements; writing standard program test documentation; continuous support and interaction with teammates and with associate contractors in a coordinated team effort. Test Engineer will help perform test assignments involving definition of test and verification requirements; help establish methods and techniques, plan tests, develop test requirements, write test procedures and reports, and conduct tests; use a broad knowledge of test engineering and apply understanding of principles of related engineering and software technology to ensure test validity and integrity. Candidate will operate under general supervision -- guidance received will relate primarily to general objectives and details of unusual situations and /or requirements. Desired skills:

- Excellent communications skills (written, verbal, and presentation)
- Ability to prepare and present reports and briefings both orally and written
- Ability to effectively communicate within a team environment
- Experience in performing subsystem test planning
- Experience with automated testing and test script development
- Experience with test verification requirements
- Experience preparing test procedures
- Experience conducting test procedures
- Experience with discrepancy report systems
- Experience preparing test schedules
- Experience preparing and presenting technical and readiness review data

**Preferred skills/knowledge:**

Experience working within Integrated Development and Environment Teams; UNIX/LINUX, Windows and Microsoft Office Suite; Java experience; Testing of weather/ remote sensing systems; Test engineering process development and deployment; Hydrology knowledge and experience.

**We offer a competitive salary and benefits package. Ask us about our signing bonus!!**

Fairfield Technologies, Inc. is an equal opportunity employer and considers qualified applicants for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, gender identity and expression, age, disability, or Vietnam era, or other eligible veteran status, or any other protected factor.