Job Title: Test Engineer – Wideband Remote Monitoring Sensor (WRMS) (Level 2/3/4/5)
Job Location: Colorado Springs, Colorado
Security Clearance: SECRET
Clearance Status: Must be Obtainable

Job Summary:

Responsible for a wide range of software test requirements related tasks to include design, development, integration, test, and documentation of code for Wideband Remote Monitoring Sensor (WRMS). The successful candidate will be developing cutting edge technology in an agile environment.

Technology areas for this position will be focused on:

- Agile development and product line leadership
- Automated Test Tool Development and Implementation in Continuous Integration pipeline
- Container design and implementation
- Data analytics and machine learning

Duties include developing and maintaining automated test of software developed in either Java or C++ with a working knowledge of the software development process including debugging, test, and integration of software tools. Duties also include working knowledge of software design and development to meet system requirements, implementing designs and fixes to address software problem reports, identifying adequate test approaches for optimal code coverage, and then implementing unit and integration tests to exercise interfaces and functions of the system within a continuous integration environment.

The position may require periodic travel on an infrequent basis.

The position will place you in roles where you have an opportunity to make an impact on the results of the overall project and participate in a collaborative mentoring environment where you have the opportunity to learn from others.

WRMS is a spectral monitoring system supporting the Department of Defense Wideband Military Satellite Communications. The satellite monitoring equipment is required in order to support the Defense Satellite Communications System (DSCS) and Wideband Global SATCOM (WGS) satellite constellations, and to provide enhancements on an as-needed basis to meet emerging mission requirements. The purpose of satellite monitoring is to ensure DoD communications that take place over these satellites occur as planned and to identify/mitigate interferences. These interferences can typically be contributed to environmental disruptions (sun/rain), unauthorized access, jamming, and operator error. This not only aids in maintaining planned communications but enables more effective management of satellite resources.

This position is contingent upon contract award.

Primary Responsibilities:

- Perform software automated test development tasks within an agile development framework as a general member of a larger engineering team
- Actively collaborate with team members to derive solutions to complex problems
- Integrate and test compiled software components within a continuous integration environment
- Develop automated unit and integration tests within multiple frameworks
- Assist other developers in resolving test failures

Required Qualifications:

- Ability to obtain an interim U.S. Government SECRET security clearance (requires US Citizenship)
- Existing proficiency and ability to understand code written in Java or C++
- Working knowledge of the development process including debugging, test, and integration of software tools
- Familiarity with requirements allocation and traceability
- Good verbal, written, communication, and interpersonal skills
- Ability to work independently as well as within a team

Preferred Qualifications:

- Current U.S. Government SECRET security clearance (requires US Citizenship)
- Experience with SATCOM Mission Planning and Management
- Experience working with Service Oriented Architecture (SOA) technologies, protocols and products
- Experience developing software with a high level of automated test code coverage
- Familiarity with automated test and test-driven development concepts, tools, and languages
- Prior experience working in an Agile/Scrum team using Jira/Confluence/Maven/Jenkins highly desirable

Educational Requirements:

- *Engineer Level 2*: Bachelor's degree and 2 or more years relevant experience, or an equivalent combination of technical education and experience (e.g. Associates + 3 years' related work experience)
- *Engineer Level 3*: Bachelor's degree and 5 or more years relevant experience, or an equivalent combination of technical education and experience (e.g. PhD, Masters +3 years' related work experience)

- *Engineer Level 4*: Bachelor's degree and 9 or more years of experience, or an equivalent combination of technical education and experience (e.g. PhD +4 years' related work experience, Masters +7 years' related work experience)
- *Engineer Level 5*: Bachelor's degree and 14 or more years of experience, or an equivalent combination of technical education and experience (e.g. PhD +9 years' related work experience, Masters +12 years' related work experience).

  (Degrees must be from an accredited course of study in engineering, computer science, mathematics, or physics)

In compliance with Colorado's Equal Pay for Equal Work Act, the salary range for this position is $78,000 to $150,000. Ascension Engineering Group considers factors such as work experience, education, key skills, and position role when extending an offer.

Ascension Engineering Group is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status, or disability status.