SYSTEMS TEST ENGINEER III

Posting ID: EM17717495

Company: LGS Innovations

Position Type: Full-Time

College Major(s): Electrical/Computer Engineering (EE/CpE), Computer Science (CS)

Company Website: https://www.lgsinnovations.com/

Work Location: Westminster, CO

Salary:

College Level(s): Undergraduate-Senior, Graduate Student, PhD. Student

OVERVIEW

GS Innovations, a leader in solving the most complex networking and communications challenges, is seeking a System Test Engineer III for our Westminster, CO office location.

In this position you will: Under limited supervision, provide required support for the build, test, and delivery of custom communications solutions. Assess requirements, define complex and detailed test strategies and clearly communicate strategies to stakeholders.

LGS Innovations solves the most complex networking and communications challenges facing the U.S. Federal Government, state and local governments, foreign governments, and commercial organizations worldwide. LGS delivers groundbreaking research, and advanced networking and communications solutions that provide an information advantage that contributes to the mission and operational success of its customers. LGS Innovations is a U.S.-owned company headquartered in Herndon, Virginia, with offices nationwide. We provide our employees with competitive compensation packages and a full range of benefits, including vacation, medical, dental, life insurance, a 401(k) plan, tuition assistance, Employee Assistance Program (EAP), and paid parental leave.

Roles and Responsibilities

Collaborate with hardware and software development engineers to design and write detailed test plans to provide necessary test coverage
Perform manual and automated test execution within a lab environment
Effectively document identified defects and collaborate with engineers on characterization
Use test equipment to instrument required testing environments. (e.g. protocol analyzers, cellular test equipment.)
Be able to develop automated test scripts for defined test coverage
Ability to work within build and integration systems for product development delivery cadence
Support the provisioning and testing of specific customer deliverables
Communicate test results to customers and stakeholders
Act as the Point of Contact for all test related issues for assigned project
Travel to other LGS locations or customer sites as necessary
Understand and adhere to all LGS Ethical and Compliance policies
Proactively ensure a safe work environment and adhere to LGS EH&S policies and procedures
Perform other duties as assigned
Ability to obtain/retain a government security clearance at the level necessary to perform the duties of the position

Education and Qualifications
To be considered for this position, you must minimally meet the knowledge, skills, and abilities listed below:

Bachelor’s degree in Electrical Engineering, Computer Science, or Computer Engineering or related technical discipline and 4-6 years of related experience or an equivalent combination of skills, education, and experience.
Experience with test case management systems (e.g. Testlink, Zephyr, Testopia)
Experience with defect and issue tracking systems (e.g. Jira, Bugzilla)
Experience with automated script development within test frameworks or operating systems
Experience with multiple operating systems (e.g. Linux. Microsoft, iOS)
Demonstrated problem solving and root cause analysis skills
Knowledge of interpreted software programming and scripting languages (e.g. Python, JavaScript, Perl)
Knowledge of desktop application software. (e.g. Microsoft Office, Openoffice, iWork)
Contribute positively as a team member within a dynamic work environment
Excellent teamwork skills with the ability to work independently within a small team
Ability to perform effectively within short time constraints
Self-teaching, with the ability to learn quickly
Provide flexibility to move between and support multiple projects.
Excellent verbal and written communication skills

Preferred Skills
Candidates with these desired skills will be given preferential consideration:

ISO/OSI protocol stacks, TCP/IP networking, and cellular system wireless protocols
Knowledge of agile development process within a scrum or Kanban team
Understanding of continuous integration frameworks (e.g. Jenkins, Bamboo)
Use of source code management tools (e.g. git, repo, Perforce )
Knowledge of test instrumentation (e.g. Spectrum Analyzers, Protocol Analyzers)
Knowledge of software based analytic tools (e.g. tcpdump, Wireshark)
Familiarity with virtualization platforms and containers (e.g. VMware, Docker)

How to Apply
https://lgsinnovations.employeereferrals.com/jobs/129384