

ESN, Inc. Job Description Form (Req #316)

Job Title: Quality Control Specialist

Location: Arlington, VA

Job Posted: 09/18/07

Job Closing:

This position will support the emerging Wireless LAN market in the United States. Candidates must have a high level of technical expertise and knowledge of wireless networking technology. Support software and Wireless (802.11) network test planning, development, execution, automation and continuous process improvements for WLAN security appliances.

Principal Duties/Responsibilities:

Review requirements and design documents; Develop test conditions and test cases; Execute test cases and evaluate results; Analyze, identify, document and track product behavior anomalies through resolution; Process review and provide improvement recommendations.

Responsibilities:

- Planning: Review network requirements, design documents and WLAN security protocols with the objectives of defining test requirements, execution time estimates, and process shortfalls.
- Development: Define and document test cases, including test purpose, detailed test steps, and test data based upon "real world" usage scenarios.
- Automation: Write, execute and maintain scripts for simulation of "real world" usage scenarios. Vista Runner is current automation tool.
- Process: Review and utilize current processes and continuously submit improvement recommendations.

Education and Experience:

- BA/BS and 5+ years experience OR 10+ years experience in quality assurance/quality control programs (Wireless 802.11 test designs, Wi-Fi test execution, test automation and process improvement for WLAN software applications.)
- Familiar with the concepts and working principles of electronic systems, components, test equipment, and test procedures.
- Working knowledge of networking, Internet protocols and familiarity with security.
- Knowledge of cryptography, digital certificates and PKI familiarity a plus.
- Knowledge of data stream analysis and sniffing tools a plus.

Skills and Abilities:

- Extensive understanding of Windows and Linux tools, IP routing, wireless systems, and Internet security
- Extensive experience with networks for data and voice applications
- Technical expertise with wireless networking products and industry
- LAN deployment experience – traffic delivery from the access point to client AND from the client to the access point
- Excellent verbal and written communication skills
- Strong analytical skills
- Experience with Cisco Systems Wireless products and services is a plus

Work Schedule:

- 40 hours per week, occasional overtime required; the ability and willingness to travel.

Qualified Persons Should Contact:

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EEO/AA/Vets/Disabled