



Example of Systems Security Engineer Job Description

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Our innovative and growing company is searching for experienced candidates for the position of systems security engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for systems security engineer

- Interpret and evaluate systems security requirements as they apply to the program, assess vulnerabilities, conduct risk analyses, and develop plans for compliance
- Off-hours implementations and remote site travel a must
- Lead deployment activities related to new solutions/technologies
- Provide remediation guidance and recommendations to programmers and administrators
- Work closely with program integrated product teams, information technology, and other system stakeholders to coordinate a system security approach
- Evaluate and apply industry and government guidance and regulations [e.g., Common Criteria, DoD Information Technology Security Certification and Accreditation Process (DITSCAP), National Information Assurance Certification and Accreditation Process (NIACAP),] to produce secure systems
- Review system documentation (e.g., system requirements, detailed design/architecture, interface documents)
- Identify security gaps and provide security recommendations to address gaps, and complete risk profiles for systems
- Support Cybersecurity/Anti-Tamper (AT) Program Lead, Program Managers,

network architecture vulnerabilities, message protocols and developing and implementing network security designs for supported programs

- Perform Cybersecurity analyses, program reviews, and work on V&V and test events

Qualifications for systems security engineer

- Knowledge of common Linux and Windows utilities, diagnostic and monitoring tools
- Technical requirements/ design/ documentation
- Thorough understanding of the latest advanced security principles, techniques, standards, and protocols
- We thank all applicants for their interest
- Provide expertise guidance and work product evaluation to security engineers that support Engineering teams for the design, development, implementation, evaluation and/or integration of secure networking, computing, and enclave environments
- CISSP Certifications are required