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# Example of Information Systems Security Engineer Job Description

Our company is growing rapidly and is hiring for an information systems security engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for information systems security engineer

* Provide knowledge and implementation impacts of automated security testing tools (I.e., ACAS, Fortify, WebInspect, SonarQube, OWASP Zap)
* Serve as an advisor to development groups about the security Assessment & Authorization process and milestones in order to achieve schedule
* Serve as a IA subject matter expert in cloud based multi-tenant environments
* Perform analysis and evaluation to design, implement, test and field secure systems, networks, and architectures
* Conduct certification and testing in accordance with the Risk Management Framework (RMF) and National Institute of Standards and Technology (NIST) policy
* Support the Government to resolve conflicting system security engineering requirements
* Liaison with Department of Defense (DoD), Intelligence Community (IC), Department of the Navy (DoN) and Naval Air Systems Command (NAVAIR) stakeholders
* Actively being used or within scope DoD TS/SCI clearance
* Ability to obtain a favorable Counter Intelligence (CI) Polygraph
* Expert knowledge of security engineering, design concepts and principles

## Qualifications for information systems security engineer

* Information Systems Security Engineering Professional (ISSEP) and CISSP Certifications are required
* Bachelor of Science degree from an accredited university in Computer Science, Information Assurance, Information Security System Engineering or related field with a minimum of 14 years of experience as an Information Systems Security Engineer (ISSE) on programs and/or contracts with the Federal Government
* Candidate must process a CISSP or equivalent IA certification, RHEL 6 System Administration, MCSA, or other equivalent certification
* Identifying Information Protection needs and define System Security Requirements
* Familiar with Amazon Machine Instruction Generation and Testing
* Strong listening and collaboration skills