



Example of Security Systems Engineer Job Description

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Our growing company is looking to fill the role of security systems engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for security systems engineer

- Provide level three support on network administration tasks to systems engineering and development teams
- Collaborate with Architecture and Development teams to create and enforce network security layers
- Collaborate or embed with Development teams to provide operational expertise for new projects
- Evaluate, engage and work with consultants to periodically review network architecture
- Provide first responder services (on call) on network security incidents as a subject matter expert within our Incident Management Framework
- Provide performance, compliance, security violation and other reports (number of probes/penetration attempt metrics, web access reports,) for network security components (if/when requested)
- Inform, establish and maintain appropriate information security standards and controls in collaboration with security governance and compliance needs
- Capture and refine cybersecurity requirements and ensure that the requirements are effectively integrated into information systems throughout the System Development Life Cycle (SDLC)
- Read, interpret, and implement Cybersecurity/IA regulations and requirements
- Support Corporate-wide Security initiatives

Qualifications for security systems engineer

- Experience with an Enterprise Level SEIM using Splunk, Hadoop, Security Analytics and/or other security tools
- Experience securing large-scale web applications and major Internet host/network services (HTTP, DNS, SSL)
- Minimum of eight (5) years of experience in the information security industry
- Significant experience with Symantec Security technology suite and Cisco security related products in all aspects of design, engineering, analysis, testing and ongoing support for their technical area
- Security industry relevant certifications such as ISO, ITIL, GIAC, CISSP, GCWN
- Knowledge of word processing, spreadsheets, presentation creation, databases and email software required