



Example of Cyber Security Systems Engineer Job Description

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Our innovative and growing company is hiring for a cyber security systems engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for cyber security systems engineer

- Log aggregation tools
- Monitor metrics associated with security controls to ensure security controls are configured as designed and tuned for peak effectiveness in cloud and premise systems
- Perform compliance scanning/testing to ensure systems conform to established system baselines and security configurations
- Log aggregation tools ? IPS/IDS signatures and scripting
- Perform systems security analyses, trade studies, and engineering security risk assessments
- Evaluates systems security design and oversees systems security testing, including verification and validation
- Support the identification of critical program information and recommend protection measures
- Ensure cybersecurity controls are identified and implemented and collect the certification evidence required by the Department of Defense (DoD) Risk Management Framework (RMF)
- Apply technical skills in an Integrated Product Team environment with other engineers, customers, and subcontractors
- Execute the engineering design, planning, and implementation, of SOC security controls and procedures including a Splunk SIEM environment

Qualifications for cyber security systems engineer

- 5+ years doing Certification and Accreditation of government or DoD network systems including authoring DIACAP or RMF documents, plans, procedures, and reports
- 1+ years' experience with RMF A&A
- 2+ years' leading DIACAP or RMF Certification and Accreditation efforts including interacting with the Designated Accreditation Authority
- 5+ years' in Information Security (e.g., DIACAP, RMF, FIPS, Common Criteria, NIST, PCI, Risk Management Framework)
- 4+ years' experience with system requirements, architecture, design, interface development, and test approach in IP network environments preferably for SATCOM networks
- 3+ years' experience with IA or IA enabled devices (e.g., Routers/ASA Firewalls/SIEM, IDS)