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# Example of Cyber Security Systems Engineer Job Description

Our company is looking for a cyber security systems engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for cyber security systems engineer

* Contribute to strategic research roadmaps for the development and transition of new security technologies to embedded platforms information services
* Work closely with project teams to integrate security within the Systems Development Life Cycle (SDLC) from requirements through authorization phases
* Provide security input in architecture/design/process documentation and will work with project teams to identify and implement security controls to meet FISMA compliance requirements, , NIST SP 800-53 Rev4
* Ensures system security needs established and maintained for operations development, security requirements definition, security risk assessment, system analysis, systems design, and systems hardening
* Assist architects and system developers in the identification and implementation of appropriate information assurance (IA) functionality to ensure uniform application security policy and enterprise solutions
* Analyze user data requirements to work with system owners to integrate new ArcSight feeds
* Support the JCCC with the technical analysis of anomalous events and ArcSight procedures
* Manage, operate and troubleshoot ArcSight and related infrastructure
* Interpret, analyze and monitor for compliance with Cyber Security policies
* Work with Project Managers to support the deployment and integration of new capabilities

## Qualifications for cyber security systems engineer

* BS in Software Engineering is required
* 8+ years broad Cyber Security Engineering experience on Space Defense programs
* Minimum of 2 years of experience in a government environment
* Bachelor's Degree Engineering Discipline
* Prefer a Bachelor’s/Master’s Degree in computer science
* Experience automating an entire system—Puppet, Bash, Python