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# Example of Cyber Security Engineer Job Description

Our company is searching for experienced candidates for the position of cyber security engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for cyber security engineer

* Execute and assist in shaping RMF policy in line with directives to include NIST
* Support auditing effort for all of the enclaves and systems, implementation of technical controls and ongoing vulnerability management processes (i.e., STIG, IAVA/IAVM)
* Carry out 1st and 2nd line support for deployed Security tools
* Remain up to date with advances in security tool technologies and have the ability to present such information to senior management
* Participate and perform systems testing and configuration, perform validation of secure systems
* Assist in the delivery and execution of cybersecurity tasks such as the evaluation and mitigation technique recommendations of cybersecurity threats relevant to a given system
* Provide technical support to cyber working groups
* Determine the core cyber-security standards for Web and IoT systems development
* Research and evaluate vulnerabilities, attack vectors, and associated risks to determine which ones are relevant to our systems
* Evaluate and recommend technologies related to cyber-security detection and/or prevention

## Qualifications for cyber security engineer

* Experience with Intrusion Detection Systems (IDS) and signature development
* Ability to plan, organize and prioritize tasks to complete independently, delegate and track progress within the team, all within the time frame established
* Experience with a transition from DIACAP to RMF
* Experience using eMASS for documentation
* Computer Network Defense, Defensive Cyber Operations and/or Offensive Cyber Operations
* Experience with SIEM, vulnerability assessment, infrastructure (firewall, IPS/IDS, proxy, network capture), host based security, penetration testing/external assessment tools, forensics