



Example of Engineer, Cybersecurity Job Description

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

Responsibilities for engineer, cybersecurity

- Collaborate with other disciplines to create information assurance requirements implementation plans, cyber defense models, visualizations of risk, and validate defense designs, to determine appropriate models and initial designs
- Incorporate platform and system integration considerations into designs which will establish nominal baseline behaviors, identify anomalies, provide continuous monitoring and assessment of cyber risk
- Generate, interpret, and tailor security and information assurance requirements
- Develop complex test plans and unit tests, participate in testing of system controls and evaluate unit test results
- Participate in security-focused reviews of program/project designs, risk identification, risk mitigation design and analysis, validation of cyber-risk mitigations, residual risk tracking
- Ensure that system(s) and network(s) designs support the incorporation of Information Assurance vulnerability solutions
- Develop material, such as example hacks and social engineering tactics against our own project environments, for awareness and training purposes for our project personnel
- Experience with Code Coverage, build tools, Code signing infrastructure is a plus
- Monitor security alert queue – investigate and triage events based on criticality
- Experience in performing security analysis or reporting utilizing Security

Qualifications for engineer, cybersecurity

- Familiar with current DoD C&A/A&A process - DIACAP, RMF, PIT
- Master degree or equivalent in computer science, information security or telecommunication
- Good knowledge of Java (JSE/J2EE), python and SQL database experience (Oracle, MariaDB)
- Good knowledge of Spring, GWT (Google Web Toolkit), HTML/CSS/JavaScript
- Good knowledge of Cloud Computing (OpenStack, VMware, etc)
- Good knowledge of Linux (RedHat preferable)