



Example of Engineer, Systems Architecture Job Description

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Our innovative and growing company is looking to fill the role of engineer, systems architecture. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for engineer, systems architecture

- Develop, maintain, and identify improvements for the planning, organization, implementation and monitoring of requirements management processes, tools, risk, issues, opportunity management and technology readiness assessment processes
- Provide engineering support to the Army Enterprise Infostructure (AEI) architecture with the goal of improving computer network defense and security
- Evaluate and provide recommendations for current and emerging technologies and methodologies to ensure Army Enterprise standards are maintained
- Develop change control, configuration management, installation, and implementation planning documentation
- Develop engineering white papers, best practices, and other reference materials that are relevant to the technology
- Provide engineering support during system configuration, integrations, and stabilization of security mitigations and intrusion control mechanisms at Army P/C/S
- Assist in security Vulnerability assessments and risk mitigation activities
- Develop engineering products that support the testing, evaluation, installation, and integration of software and hardware into the enterprise environment

- Analyze and determine systems requirements, perform system studies, and evaluate existing information systems

Qualifications for engineer, systems architecture

- Proficient in network, asynchronous and concurrent programming
- Experience in requirements elicitation, analysis and definition, allocation, decomposition and bi-directional traceability
- Eight+ years of experience in enterprise architecture design and modeling
- MS or PhD in a technical discipline such as Systems Engineering, Industrial Engineering Computer Science, Statistics and Mathematics
- Bachelor's degree in systems or software engineering or equivalent discipline
- 3+ years experience applying performance engineering analysis and/or system modeling techniques on Information Technology Systems