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# Example of Systems Engineer / Analyst Job Description

Our company is growing rapidly and is looking to fill the role of systems engineer / analyst. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for systems engineer / analyst

* Accomplish Surface-only Proactive Maintenance (SPaM) Analyses in accordance with system priority listing and approved methodologies (classic or back-fit RCM Analyses, MERs)
* Elicit and evaluate information gathered from multiple sources, reconcile conflicts, decompose high-level information into details, abstract up from low-level information to a more general understanding, distinguish presented user requests from the underlying true needs, and distinguish solution ideas from requests
* Utilize modeling approach to represent requirement information in graphical forms that augment textual representation
* Develop a business analysis work-plan to manage own tasks, deliverables, schedule and provide information to stakeholders and Project Management
* Provide SME leadership and consulting support on complex tasks
* Cross train other engineers on technical writing and process definitions
* Install and configure server hardware and operating systems
* Secures mission critical systems by establishing and enforcing policies, monitoring access
* Individual will perform end-to-end systems analyses of the Ballistic Missile Defense System (BMDS) supporting the systems engineering process for the Missile Defense Agency (MDA)
* Individual will perform BMDS performance analyses utilizing large-scale complex BMDS Modeling and Simulation (M&S) tools and utilize the results to support systems engineering products for MDA

## Qualifications for systems engineer / analyst

* Working knowledge of Test Requirements, Test Process, Test Instructions, Test Equipment Hardware and Software functionality
* Working knowledge of Missile, Section, and Sub-component functionality from an electrical, functional and Systems point of view
* Strategic vision to identify and coordinate process changes and improvements to Test Requirements, Production Test Flow, Test Instructions, and Test Equipment
* Experience with data analysis, raw data manipulation, tool development, programming
* Ability to exercise significant latitude and independence in their assignments
* Familiarity with AMDS Program of Record and Missile/Weapon System Requirements