



Example of Satellite Systems Engineer Job Description

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Our innovative and growing company is searching for experienced candidates for the position of satellite systems engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for satellite systems engineer

- The program entry-level participants with a hands-on, broad spectrum approach to understanding satellite, network communications, and/or information assurance technologies, program lifecycles, design, and end-to-end systems
- As part of the program criteria, Rotators are required to engage in special technical projects volunteer for events such as Engineers Week (E-Week)
- Rotators will receive career counseling and guidance on technical and managerial paths offered as part of the Rotator's development
- Upon program graduation the Rotator will have had the chance to work in different engineering organizations and network with leadership team-members
- Experience designing, coding, testing, debugging and documenting high quality software applications
- Participating in integration, testing and deployment of software applications
- Assisting in troubleshooting problems in a software production environment
- Following established development processes and technical and quality standards
- Identifying and incorporating potential technological advances in line with the long-term goals of Ground Systems
- Provide input to multiple development organizations at design reviews, understand and influence key interfaces of a loosely coupled system

- The job requires significant on-the-job training as you will be engaged in all parts of the system development cycle
- Experience using multiple command and control platforms and architectures OS Comet, Horizon, Neptune CGA, ITOS, GMSEC utilities
- Expertise is required to translate mission requirements to software requirements in order that software engineers can develop/modify ground system software
- Requires expertise in the Mission Analysis and Design areas
- Must possess the ability to locate effectively and efficiently those locations in the ground systems software code where a software resolution is required or an improvement can most expediently be inserted
- Must have a working knowledge of higher order software languages such as FORTRAN 77 or C