



Example of Computer Systems Engineer Job Description

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Our growing company is searching for experienced candidates for the position of computer systems engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for computer systems engineer

- Help developing and implementing technical network and security requirements
- Help planning the direction of the SC network to meet application requirements and to help budgeting, testing, and planning equipment upgrades
- Identify and diagnose network congestion, data loss/corruption, and cluster malfunctions
- Assist in capacity and capability planning activities
- Document system administration procedures for routing and complex tasks
- Write and maintain relevant support documentation
- Prepare and deliver relevant user training
- Consult and collaborate with ESnet users, ESnet site coordinators, and peer Research and Education (R&E), and Regional Optical Networks (RON) architecture, engineering and operations teams
- Configure, troubleshoot and provide analysis of network protocols (including IPv4 and v6, BGP, OSPF, ISIS) and advanced IP network services (including MPLS, RSVP, VRF,) are required for this position
- Architects network infrastructure and peering solutions

Qualifications for computer systems engineer

- Experience in benchmarking, code instrumentation, and performance analysis

- Embraces Change – Comfortable with change, both technological and process
- Understanding and familiarity with FDA & European regulatory requirements, guidelines, and recommendations for validation expectations
- Thorough knowledge of all aspects of computer system hardware and software design and development, laboratory and test procedures and modern system design methodologies
- Must possess at least 10 years of experience in simulation or related industry