

Example of Network Systems Engineer Job Description

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Our innovative and growing company is hiring for a network systems engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for network systems engineer

- Support Remote Access Technologies including VPN and Microsoft Direct Access
- Manage and maintain system monitoring and related software including but not limited to security logs, systems performance, SaaS metrics
- Manage and maintain SOC2/SAS70 compliances and documentation
- Participates in assessing emerging technologies
- Knowledge of deploying local, virtualized concepts to larger scale cloud-based environment
- Evaluate existing software and hardware operation and monitoring tools for use at Rice, modify existing tools as required, design and implement needed tools usually in the C or Perl programming languages on the department's Unix-based computers
- Create, architect, develop, and install solutions to complex technical, procedural, and logistical problems
- Maintain skills as technology and implementations evolve, review literature including trade press, contact vendors to obtain detailed information and/or presentations, review experiences of users with similar or related applications
- Serve as a representative of the University, displaying courtesy, tact, consideration, and careful judgment in all interactions with other members of the Rice community and with the public
- Apply technical skills in the successful and reliable operation of all aspects

Qualifications for network systems engineer

- Previous technical experience in Network Engineering/Architecture
- Bachelor of Science in the Computer Science field, or equivalent experience
- Prior knowledge of the C2BMC networks or organization
- Firewall experience, preferably with McAfee Sidewinder or Juniper firewalls highly desired
- Experience with network security capabilities such as SYSLOG NG, IBM Proventia Intrusion Detection Systems (IDS), web proxy and ArcSight
- Displaying basic understanding of various hardware devices which possibly including Juniper and Cisco routers, Bluecoat Packet Shapers, Imperva Securesphere WAF, Enterasys routers, switches, checkpoint firewalls and wireless