



CLARK ATLANTA UNIVERSITY

Job Description

Position Title:	Network Engineer
Department:	Office of Information Technology and Communications
Reports To:	IT Technical Director

The following statements are intended to describe the general nature and level of work to be performed and are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified. All duties listed are essential functions for the position. It is understood that other related duties may be assigned.

General Function (Description):

The Senior Network Engineer is an office position, responsible for supporting a highly available, secure, and fast network to enable the business and to anticipate and plan for future needs. Responsible for the companies' LAN/WAN/VOIP environment including participation and oversight of daily upkeep and administration of the universities network infrastructure and computer systems

Examples of Duties and Responsibilities:

- Designs and implements voice, data, and transport systems.
- Applies advanced troubleshooting and problem solving to complex network problems.
- Collaborates with others for active maintenance and future growth. Sets policies, guidelines, and establishes best practices for active maintenance and future growth.
- Responsible for the design, planning, implementation, troubleshooting, and maintenance of the companies' network infrastructure and architecture.
- Installs, configures, maintains, and troubleshoots network services and devices.
- Interacts with customers to resolve network issues. Performs inspections and upgrades.
- Develops and maintains documentation.
- Has the aptitude to perform troubleshooting, testing, scripting and coding and demonstrates leadership and mentoring of less-experienced engineers.
- Reports to the Network Services Manager.
- Performs other duties as required.

Knowledge, Skills and Abilities:

- Strong routing and switching background.
- Strong background with wireless services and wireless architecture.
- 7+ years of relevant Senior Engineering experience with servers and networks.
- Working knowledge of Information Technology Infrastructure Library (ITIL) Foundations v3 practices and CCNP or other network certification preferred.
- Good working experience and familiarity with network packet analyzer/sniffers or related tools.
- Working knowledge of the command line interface.
- Working knowledge of Cisco Prime Infrastructure, Net Flow Analyzer, SolarWinds, or equivalent systems, along with familiarity with Wireless and VoIP.
- Experience with L2/L3 High availability mechanisms including stateful HA i.e. NAT, Firewall, VPN, HSRP, track, VRRP, STP, ECMP, BGP, VSS, IOS, NX-OS etc.
- Good working experience with network packet analyzer/sniffers or related tools

Minimum Hiring Standards:

Education	Bachelor's degree in IT or related field
Years of Experience	7 years of IT experience; with servers and networks, OR an equivalent combination of education, training, and/or experience
Years of Management/Supervisor Experience	n/a

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