# JOB OPPORTUNITY

**DATE POSTED:** 10/16/2023

## NETWORK ENGINEER
## Full-Time

The City of Mentor is looking for a Network Engineer to join our IT team and support the planning, design, implementation, and sustainability of secure network infrastructure, focusing on the Core Network components and WAN Network components at all City facilities. This is an exciting time to join our organization, as we have a renewed focus on ensuring operational excellence and cyber security within the organization. We are looking for a motivated problem-solver who enjoys working in a dynamic and collaborative team environment to support growth and development in these areas. A High School Diploma (GED) and valid State of Ohio Driver's License are required.

*Annual Range of Pay: $53,784.90 - $99,237.84*

For a more detailed description of this position as well as certification and degree requirements, visit www.cityofmentor.com/employment.

*Position will remain open until filled.*

**INFORMATION TECHNOLOGY NETWORK ENGINEER**

**NATURE OF WORK**

This is professional work performing highly technical duties within the computer networking technology field.

Work involves the installation, management, maintenance, capacity planning design and engineering for the LAN, ELAN, WAN data network infrastructure. Responsibilities include disaster recovery planning and advanced technical problem analysis and resolution for the organization's facilities and locations, establishing and maintaining network performance by building network configurations and connections; and troubleshooting network problems.

**EXAMPLES OF ESSENTIAL JOB FUNCTIONS**

Maintains information technology inventory records of wide-area and local-area network hardware and software as well as coordination of repairs and quality control tests.

Develops short and long range network design and architecture plans for the organization's facilities and data centers.

Develops configuration standards across network equipment in order to ensure the integrity of systems and services.

Stays current with new complex networking technologies, architectures, methodologies, and best practices to ensure the network infrastructure meets current and future needs and requirements.

Provides first line technical support on data, voice and video networks for internal and/or external customers; answers routine technical questions; implements approved course of action.

Participates in the network technology design process, configure, coordinate, and participate in the installation of all IT Network infrastructure equipment (access points, routers, switches, voice gateways, etc.).

Monitor performance and maintain systems according to requirements.

Plan, develop, install, configure, maintain, support, and optimize networks covering production, development, and corporate environments.

Continuously look for areas of improvement in redundancy, stability, performance, and security.

**EXAMPLES OF ADDITIONAL DESIRED SKILLS**

- Cisco routing and switching, including OSPF, BGP, VXLAN, Layer-1, 2, and 3 technologies
- Integration of SDA with Cisco solutions as well as PaloAlto firewalls
- Encryption and tunneling technologies including VPNs, IPSec, MACsec, and GRE
- Cisco Certified Network Professional CCNP
- Cisco CCNA Security certified
- Experience with databases, networks (LAN, WAN), patch management, VMWare, Office 365
- Knowledge of system security and data backup/recovery, Veeam and others
- Good time management skills
- An analytical mind
- An ability to learn new technologies quickly
- An ability to follow processes
- Strong documentation skills
- Commercial and business awareness

**REQUIREMENTS OF WORK**

Bachelor's degree required in Computer Science, Mathematics, Telecommunications, Management Information Systems, Electrical Engineering or closely related field preferred.

Certifications in Cisco CCNA and CCNP Routing and Switching preferred or equivalent experiences recommended.

Proficiency in advanced analysis, installation, administration and troubleshooting of a data network.

Ability to communicate effectively, orally and in writing.

Nature of work may require the employee to occasionally be on-call 24/7 and to perform work outside of normal business hours.

**PHYSICAL DEMANDS**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Work is performed mostly in office setting; hand-eye coordination is necessary to operate computers and various pieces of office equipment.

While performing the duties of this job, the employee is frequently required to sit and talk or hear; use hands to finger, handle or feel objects, tools or controls; and reach with hands and arms. The employee is occasionally required to walk, and lift and/or move up to 25 pounds. Specific vision abilities required by the job include close vision and the ability to adjust focus.

7/2023
Pay Grade:  25
FLSA Classification:  Exempt