Stephenson Stellar
Corporation

Title: Lead Network Engineer Position ID: 2025-0001	Type Position: Full Time　　Annual Salary Range: $200,000 - $240,000 Level: PL5
Primary Location: Shreveport, La	Travel Required: 10% CONUS and HI
Alternate Location: At-home work optional	Contact: Ms. Barbara Moyer, bmoyer@stephensonstellar.org

Company Background: The Stephenson Stellar Corporation (SSC) is a nonprofit research and development organization focused on assuring our nation remains a global leader in the Space Domain. Our mission is to foster technological innovation and provide secure space-based solutions.

SSC is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability status, protected veteran status, or any other characteristic protected by law.

More information at: www.stephensonstellar.org

Job Description: In this position, you will serve as a lead network engineer for multiple programs with a primary focus on supporting Air Force Global Strike Command and providing leadership among teammates and customers. Must have proven knowledge and experience as a lead network engineer, preferably at the principal level. Experience in the cyberspace industry and in technical project management is highly desirable. Experience working with service providers on a technical service level and contractual level is a necessary skill. Ability to directly interface with customers on a technical and project management level is a must.

Must have good leadership skills and be able to work with small teams. Must also have excellent verbal and written communications skills and be able to communicate ideas to customers and partners. The ideal candidate will have outstanding problem-solving skills. Under the direction of a program manager, the candidate will be responsible for supporting multiple research and development programs.

Technically, the candidate should possess a deep knowledge of network infrastructure design and operation including routing and routing protocols (BGP, OSPF), Ethernet switching, WAN/LAN design, SDN, DNS, Internet IP addressing (IPv4/6), firewall, IDS/IPS and load balancing. Experience with 4G/LTE/5G cellular and WiFi (5-7) systems is highly desirable. Disaster recovery, configuration management and risk management skills are also desirable. Cyber security experience should include familiarity with Zero Trust Architecture, least privilege security, information assurance, penetration testing, DOD STIG testing, Red/Blue team concepts, network reconnaissance and incident response.

The lead network engineer will initially focus on supporting our Air Force Global Strike Command customer with architecting, testing and evaluation of newly-developed and deployed terrestrial and non-terrestrial systems, and performing research in the areas of Defense-in-Depth space architecture, Zero Trust Architectures, and 5G/FutureG-related vulnerabilities.

Requirements:
Education:
Required: BS in Computer Science, Computer/Software Engineering, Information Technology, Cybersecurity studies or related
Desired: MS in Computer Science, Computer/Software Engineering, Information Technology, Cybersecurity studies or related
Clearance: Required: TS/SCI
Citizenship: Candidate must be a United States citizen
Required Experience:

- 10+ years of experience in network design and operation with innate knowledge of routing, Ethernet switching, IPv4/6 addressing (IANA, ARIN), DNS, WAN/MAN/LAN design and operation, SDN and QoS, disaster recovery testing, and configuration management
- 7-10 years of technical project management experience related to network infrastructure deployment, managing and interfacing with service providers and equipment suppliers, along with interfacing and managing customer relationships
- 7-10 years of experience in network related-security, firewall, IDS/IPS, SOC design and operation, 802.1x and zero trust architecture, IA assurance testing
- 3-5 years of experience working with 4G/LTE/5G cellular networks
- 3-5 years of experience working with space-based systems and satellite communications

Desired Experience: Along with the required experience, the following skills are desired

- Experience with SNMP, Netflow, SIEM architecture, system logging
- 10+ years of experience in the cybersecurity field with focus on cyber evaluations (All layers of the architecture), vulnerability assessments, STIG testing, IA assurance and penetration testing
- Ability to clearly articulate technical assessments to non-technical people

Required Skills:

- Network design and operations with routing (BGP, OSPF), Ethernet switching (spanning tree), SDN, QoS, DNS, 802.1x, MPLS
- Hands-on experience performing cyber test and evaluations and working knowledge of NIST 800-53
- Creative problem-solving skills and ability to lead a team delivering solutions in space or cyberspace domains
- Experience crafting test plans and delivering state of the art reports for executive leadership
- Excellent communicator and ability to work effectively with teams delivering engineered solutions

Desired Skills:
- Experience with routing protocols (BGP, OSPF), Ethernet switching, Software Defined Networks, SIEM operation and firewalls
- Experience with Linux OS and using network tools including tcpdump, wireshark, nmap
- Familiarity with cloud native and containerization technologies

Desired knowledge and certifications:
- Network: BGP and OSPF routing design, Ethernet switching, SDN, QOS, MPLS, WiFi, SNMP, Netflow analytics, wireshark/tcpdump,
- Security: STIG and IA assurance testing, firewall policy implementation, 802.1x, ZTA,
- Certifications: CISSP, CCNP, Security+ or higher certification that meets DoD 8140 requirements
- Linux operating system (Ubuntu, Kali), Nmap, tcpdump, wireshark, netcat, hping3