

Director of Network Engineering

Start Date: Immediate

Team: Team Systems and Data

Location: Brooklyn, NY

About Achievement First:

Achievement First, a non-profit 501(c)3 charter school management organization, operates over 30 public charter schools in Brooklyn, Connecticut and Rhode Island. The mission of Achievement First is to deliver on the promise of equal educational opportunity for all children, regardless of race or economic status. Achievement First currently educates more than 12,600 students in historically underserved neighborhoods, with over 90% of our students identifying as Black and Latino. With its college-preparatory focus, the Achievement First approach is attaining breakthrough academic gains throughout the network. Beyond our students and schools, Achievement First is an engaged and prominent partner in the larger conversation about how to improve public education and student achievement in our country.

Achievement First's approach to teaching and learning enables every student to succeed at the highest levels. This involves:

- Recruiting and developing successful teachers and school leaders and empowering them to use student data to strategically drive instruction;
- Creating a joyful school culture where it is "cool to be smart" that emphasizes character education and focuses students on college;
- Providing students with more time on task and intense intervention when they are struggling so that no child falls through the cracks.

For more information about Achievement First's mission, approach, schools and team, please visit our website at www.achievementfirst.org.

Summary

Achievement First is seeking a self-motivated detail-oriented Director of network engineering to support our enterprise data, voice, wireless and cloud network infrastructure. The director's primary duties include the design and implementation as well as installation, maintenance and support of the network and cloud infrastructure as required to meet the needs of the Achievement First network. The Director will serve as a Tier 3 point of contact for supporting both cloud and internal networks and will serve as an advisor to the Senior Director of Network Engineering on the future direction of the Achievement First network, internally and in the cloud. You will also be responsible for ensuring that our internal and cloud-based networks accommodate our future organizational evolution, leverage new technology to improve reliability and scale and enact solutions to issues that arise.

Responsibilities of the Director Network Engineer will include but are not limited to:

Troubleshooting & Monitoring

- Act as Tier 3 support and primary point of contact for troubleshooting and problem-solving network connectivity and configuration issues
- Monitor network performance and takes steps to ensure efficient and up-time requirements are met to ensure uninterrupted network availability for our staff and students

Cloud Infrastructure design and maintenance:

- Assist in development of cloud strategy, including Microsoft O365, Amazon Web Services and Microsoft Azure environments
- Develop and maintain AF's cloud data infrastructure on AWS

Internal Infrastructure design and maintenance:

- Install, upgrade and maintain Cisco hardware installations, software installations, and upgrades in the environment
- Development and documentation of best practices technical matters
- Monitor network performance and troubleshoot problem areas as needed, remediating issues professionally and concisely

General responsibilities:

- Manage 3rd party vendor relationships
- Promote best practices for implementation and maintenance of all networks

Skills and Characteristics

The ideal candidate would have 3+ years of practical experience in a related role or has demonstrated enterprise level experience with:

- Cloud environments, design, limitations, and optimizations. AWS preferred
- Routing protocols and configurations (EIGRP, BGP, IPSEC, QoS, 802.11a/c/n/x)
- Switching and configuration options (VLANS, DHCP, VPN, NAT, etc.)
- Multicast (PIM, IGMPv2, etc.)
- Windows Server 2016/2019 and Hyper-V (Failover Clustering)
- LAN, WAN, and WLAN design and implementation
- SQL based tools (Redshift, SQL Server, etc.)

Has knowledge of the following items:

- Network capacity planning, network security principles, and general network management best practices
- Best security practices in the cloud, cloud-based network orchestration and automation tools
- Active directory and group policy concepts

A successful candidate would have the following general skillset:

- Solving problems at scale excites you.
- Have a collaborative attitude and essential skills in the areas of leadership and project management
- Very strong problem solving and coding skills i.e. Python, PowerShell, Terraform or similar
- Has proficient understand of code versioning tools such as Git
- Has strong communication skills when dealing with both technical and non-technical staff members
- Ability to deliver clear and concise troubleshooting guidance, network diagrams and other types of documentation
- Ability to prioritize and complete multiple projects in a fast-paced, technical environment
- Excellent quality control mindset ensuring the work is done properly the first time

Educational Background and Work Experience

Undergraduate degree in computer science or related field

2 – 4 years of practical experience support in networking, Cisco routers/switches or AWS instances

Ability to provide off-hour support when needed

IT certification such as CCNA/CCNP or AWS desired

Compensation

Salary for this position is competitive and commensurate with experience. Additionally, Achievement First offers a comprehensive benefits package.

To Apply

To apply, please attach your resume and cover letter through the web form below:

<http://bit.ly/AFDirectorNetworkEngineer>

Applications will be accepted on a rolling basis until the position is filled. Candidates are encouraged to apply as soon as possible.

Achievement First is an equal opportunity employer and an organization that values diversity. People from all diverse backgrounds are strongly encouraged to apply. You can learn more about diversity at Achievement First here: <http://www.achievementfirst.org/about-us/diversity/>.