Associate Network Engineer

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 detail-oriented associate network engineer to support its scaling and growth needs. Committed to providing the highest level of network stability to ensure uninterrupted network connectivity for our students, the network engineer will play a key role in maintaining overall network performance by designing and implementing the next generation of IT infrastructure at Achievement First. This role will also be responsible for improving current processes and network systems to ensure they are prepared for scale as our organization grows. This is an excellent opportunity for someone who is interested in developing their networking skill set and is eager to get hands on experience with a wide range of Cisco Networking, Microsoft and Cloud based technologies and framework. The Associate will report to the Senior Director of Network Infrastructure.

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

- Troubleshooting & Monitoring
    - Serve as a daily point of contact for IT and System support teams for Tier 1 and 2 issues across the AF Network
    - Daily monitoring of all Achievement First network equipment to ensure peak functionality

- o Documentation & Design
  - o Support the design and deployment of network solution to the Achievement First schools in all 3 regions
  - o Will be responsible for building configuration and deploying network equipment throughout the organization on an annual basis

- o Network Maintenance & Support
  - o Ensuring that the Cisco network hardware and iOS software are updated on a regular basis
  - o Test new networking solutions and continually improve the resiliency of the current network environment

Skills and Characteristics
- The ideal candidate would have 2+ years' experience in a related role and has demonstrable experience in:
  - o Setting up, deploying and managing Cisco switches and routers
  - o Coding ability in either Python or PowerShell
  - o Performing user management via LDAP or Active Directory
- Knowledge of the following items:
  - o IP protocol and subnet masking
  - o Routing protocols and configurations (EIGRP, BGP, IPSEC, QoS, 802.11a/c/n/x)
  - o Switching and configuration options (VLANS, DHCP, VPN, NAT, etc.)
  - o Multicast (PIM, IGMPv2, etc.)
- Self-starter with ability to prioritize many projects and problems independently
- Passion for networking, information technology and network automation.
- Strong technical writing skillset preferred
- Must be able to present and explain technical information to diverse types of audiences

General Skills:
- Motivated by challenges and a strong desire to learn new technologies
- Able to work in a team environment to troubleshoot network issues
- Excellent problem-solving skills with high attention to detail
- Maturity, humility, sense of humor and "roll-up-my-sleeves" attitude
- Belief in the Achievement First mission and educational model

Educational Background and Work Experience
- Undergraduate degree in computer science or related field
- 1-2 years of work experience in networking or similar role
- Ability to provide off-hour support when needed
- Recently received CCNA or on path to obtain CCNA preferred
  - o If not currently holding a CCNA, must have CCNA within one year of hire for this position

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

To Apply
To submit an application, please attach your resume and cover letter through the web form below:
http://bit.ly/AFAssociateEngineer

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/.