NETWORK ENGINEER
San Jose/Evergreen Community College District

Job Title	NETWORK ENGINEER
Department	Staff
Institution	San Jose/Evergreen Community College District
	San Jose, California
Date Posted	Oct. 19, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Information Technology
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Job Description	

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NETWORK ENGINEER

San Jose/Evergreen Community College District

Close/First Review Date:02/04/2024

Campus Location: District Office

Position Description:
POSITION SUMMARY

NETWORK ENGINEER
San Jose/Evergreen Community College District

The Network Engineer reports to the Executive Director of ITSS (Information Technology Support Services) at the District Office. The work schedule is 12 months per year; 40 hours per week; Monday - Friday; 8:00 a.m. - 5:00 p.m.

The Network Engineer position is funded up to 3 years, subject to review.

This position is represented by CSEA (California School Employees Association), Chapter 363.

POSITION PURPOSE

This position reports to the Network Technology Manager or assigned administrator in ITSS. The purpose of the position is to establish and maintain a high level of network performance throughout the District. The Network Engineer addresses a broad range of networking projects that address critical organizational needs, such as enterprise converged networks, IT security, VoIP, telecommunications, video conferencing and surveillance systems.

DISTINGUISHING CHARACTERISTICS

This position will help design, implement, troubleshoot, analyze, and maintain converged networks. This position will interface with a variety of users, contractors and vendors.

KEY DUTIES AND RESPONSIBILITIES:

1. Assist in the design and implementation of LAN/WAN converged networks and network upgrades from cabling design to switching, routing, enterprise wireless and security protection.

2. Configure, test, and maintain LAN/WAN, VoIP, video, security, software defined networks and related services.

3. Identify, diagnose, and resolve network problems using the OSI model for troubleshooting.

4. Create and maintain comprehensive documentation for all implemented networks.

5. Provide pre- and post- installation and technical support.

6. Assist in preparation of network related proposals and solution presentations.

7. Maintain and support LAN/WAN environment and ensure all network equipment has the latest

security patches.

8. Utilize various network monitoring tools to monitor the network and to respond to network incidents.

9. Provide network services for Windows and Linux server environment, DHCP and DNS services, and IP configuration.

10. Provide daily maintenance and problem resolution, operating system patches and software upgrades, and routine hardware configuration.

11. Obtain and maintain required certifications for partnership with key vendors.

12. Stay up to date with evolving industry standards for networking technologies, standards and practices.

13. Perform other duties as assigned.

Knowledge of:

1. Network design and security practices (e.g. networks segmentation, layered defense strategies).

2. Implementing and administrating network devices, setting and maintaining policies and rights/security within a Windows Server environment.

3. Network cabling design standards.

4. Firewalls, network switching, network routing protocols, VPN, enterprise wireless access, enterprise server platforms, Windows Server Active Directory, desktop and laptop installation and problem resolution.

5. Common network monitoring and security utilities.

6. The OSI network model, Ethernet, and TCP/IP networking.

Skills and Ability to:

1. Learn new technologies and maintain industry knowledge.

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2. Ability to lift, carry and move all components of PC workstations, servers, network equipment, peripherals, and other ancillary equipment.

3. Prioritize and multitask.

4. Apply language skills to read, analyze and utilize procedural manuals, instructional and software manuals, textbooks and needed resources on learning strategies.

5. Read and understand construction documents and drawings pertaining to telecommunications and structured cabling.

6. Effectively present information and respond to questions from groups of faculty, students and the general public.

7. Effectively communicate and interact with persons of diverse backgrounds and abilities.

8. Establish and maintain effective and cooperative working relationships with those contacted during the course of work.

9. Work independently and exercise good judgment.

Required Qualifications:
EDUCATION AND EXPERIENCE

1. Education equivalent to a Bachelors degree (preferably in computer science, network administration, information technology or related field).

2. Three years of experience in network administration of converged networks (e.g. data, voice, video, control systems, etc.).

3. Experience implementing and administrating network devices (e.g. routers, firewalls, switches, appliances, VoIP, etc.).

4. A practical level of experience implementing and administering common TCP/IP based services, including DNS, DHCP, HTTP, FTP, SSH, SMTP, etc.

License and Certificates:

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1. Networking certificates such as Cisco CCNP or other related certification are required or must be obtained within one year of employment.

Desired Qualifications:
DESIRED QUALIFICATIONS

1. Bilingual abilities, desirable.

Districts Diversity Requirements

- Demonstrated sensitivity, knowledge and understanding of the diverse academic, socioeconomic, gender identity, sexual orientation, cultural, disability, and ethnic background of groups historically underrepresented, and groups who may have experienced discrimination.
- Success integrating diversity as appropriate into the major duties outlined in the job description and in the duties listed in the Districts hiring policy; or demonstrated equivalent transferable skills to do so.

Salary Range:
$124,469 - $151,864 Annual Salary (Range 150: Classified Salary Schedule Fiscal Year 2023-2024). Starting placement is generally at Step 1.

Benefits:
Excellent fringe benefit package includes a pension, medical, dental, vision, EAP (employee assistance plan) and life insurance for employee and eligible dependents, and income protection. Voluntary plans include supplemental life insurance, Flexible Spending Accounts, 403b and 457 Deferred Compensation Accounts. Classified employees also receive vacation, 12 sick leave days and 20 paid holidays.

To be considered for this position please visit our web site and apply on line at the following link: https://sjeccd.peopleadmin.com/

About San Jose/Evergreen Community College District
The District is represented by dedicated and talented employees who are passionate about providing our student population with the best educational experience possible. The District recognizes that cultural diversity in the academic environment promotes academic excellence; fosters cultural, racial and human understanding; provides positive roles models for all students,

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and creates an inclusive and supportive educational and work environment for its employees, students, and the community it serves.

As of fall 2017, with enrollment of approximately 18,500 per semester, and an extremely diverse student population (Hispanic/Latino 44%, Black/African-American 4%, Asian/Pacific Islander 32%, American Indian/Native American 0.5%, White/Caucasian 11%) attaining educational goals reflecting 45% - AA Degree and Transfer to a 4-Year College/ University, the Districts emphasis on student success makes it a recognized educational leader in the State.

The District encourages a diverse pool of applicants to serve as colleagues to an existing diverse group of managers, supervisors and confidential staff consisting of 29 % Hispanic/Latino, 13% Asian/Pacific Islander, 7% Black/African American, 23% White/Caucasian, and as well as encouraging applications from all qualified, outstanding applicants.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Staff

San Jose/Evergreen Community College District

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