

**City of New York
Department of Information Technology & Telecommunications
Job Posting Notice**

Civil Service Title: Computer Specialist (Software)	Level: 04
Title Code No: 13632	Salary: \$89,383/\$102,791 - \$120,000
Business Title: Senior Internetworking Specialist	Work Location: Brooklyn, NY
Division/Work Unit: IT Services	Number of Positions: 1
Job ID: 253794	Hours/Shift: Various - Due to the necessary technical support duties of this position in a 24/7 operation, candidate may be required to work various shifts such as weekends and/or nights/evenings.

Job Description

DoITT provides for the sustained, efficient and effective delivery of IT services, infrastructure and telecommunications to enhance service delivery to New York City's residents, businesses, employees and visitors. As the City's technology leader, DoITT is responsible for maintaining the foundational IT infrastructure and systems that touch every aspect of City life from public safety to human services, from education to economic development crossing the full spectrum of governmental operations.

The successful candidate will serve as a Senior Internetworking Specialist reporting to the IT Services Division.

Responsibilities will include:

- Direct the engineering support of the overnight team at the Data Center.
- Serve as the point of escalation for the evening/overnight shift;
- Ensure engineers follow all team and department policies;
- Lead the review and evaluation of software and network design issues and maintain network integrity, efficient data flow, scalability, cost-efficiency and client needs;
- Attend network planning meetings and serve as a technical resource regarding designs;
- Interface and assist various City agencies with their network operational needs;
- Interface with other DoITT teams to ensure that network changes (including client-generated and agency-mandated requests) flow efficiently;
- Design and code router/switch configurations as required;
- Implement new processes/functions on router and switches as required, including but not limited to QoS, multicast, NTP, VLAN configurations, TACACS, HSRP/GLBP, Content Networking and advanced network routing;
- Provide advanced-level technical support for network incidents as reported to the Citywide Service Desk;
- Document problem tickets regarding the resolution of problems;
- Participate in problem review meetings; provide advanced support in new project development and provide input on implementation plans;
- Participate in senior resource program activities within an established project methodology including senior status reporting, resource and vendor management and strategic planning;
- May serve as a lead for special software and network technology projects;
- Initiate WebEx troubleshooting session as required with various support groups, vendors and team members;
- Perform special projects and initiatives as assigned.

Minimum Qualification Requirements

(1) A baccalaureate degree from an accredited college, including or supplemented by twenty-four (24) semester credits in computer science or a related computer field and two (2) years of satisfactory full-time software experience in designing, programming, debugging, maintaining, implementing, and enhancing computer software applications, systems programming, systems analysis and design, data communication software, or database design and programming, including one year in a project leader capacity or as a major contributor on a complex project;

or

(2) A four-year high school diploma or its educational equivalent and six (6) years of full-time satisfactory software experience as described in "1" above, including one year in a project leader capacity or as a major contributor on a complex project;

or

(3) A satisfactory combination of education and experience that is equivalent to (1) or (2) above. College education may be substituted for up to two years of the required experience in (2) above on the basis that sixty (60) semester credits from an accredited college is equated to one year of experience. A masters degree in computer science or a related computer field may be substituted for one year of the required experience in (1) or (2) above. However, all candidates must have a four year high school diploma or its educational equivalent, plus at least one (1) year of satisfactory full-time software experience in a project leader capacity or as a major contributor on a complex project.

NOTE: In order to have your experience accepted as Project Leader or Major Contributor experience, you must explain in detail how your experience qualifies you as a project leader or as a major contributor. Experience in computer operations, technical support, quality assurance (QA), hardware installation, help desk, or as an end user will not be accepted for meeting the minimum qualification requirements.

Special Note

To be eligible for placement in Assignment Level IV, in addition to the Qualification Requirements stated above, individuals must have one year of satisfactory experience in a project leader capacity or as a major contributor on a complex project in data administration, database management systems, operating systems, data communications systems, capacity planning, and/or on-line applications programming.

Preferred Skills

The successful candidate should possess the following:

- 5+ years of extensive knowledge on Data Center technologies, including Cloud & SDN Technologies, DC Architectures, Routing &

Switching Technologies like FabricPath, VPC, EIGRP & BGP, Load-Balancing Technologies, VPN & Security, Data Center Virtualization, & Optical technologies;

- Broad depth of both technical and management competencies of Data Center network engineering;
- Expert level of internetworking technologies. Cisco Professional designation is a plus;
- Global strategies, technology roadmaps and engineering support;
- Ability to lead projects assigned; knowledge of IP addressing and subnetting (IPv4/6), routing protocols, including BGP,ISIS, EIGRP, OSPF and MPLS; implementation of BGP (internal and external);
- advanced installation/troubleshooting experience of Cisco hardware/OS software, including 72xx, 39xx, and 29xx series routers, 65xx, 37xx, and Nexus platform layer 2/3 switches, CSS, ACE and GSS load balancers; F5 load balancer experience is a plus;
- Knowledge of DWDM ROADM RPR and SONET networking technologies and troubleshooting;
- CCNP Cisco certification is desired.

To Apply

Special Note: Taking and passing civil service exams are necessary to maintain employment with the City of New York. Please check the Department of Citywide Administrative Services (DCAS) website (http://www.nyc.gov/html/dcas/html/work/exam_monthly.shtml) for important exam filing information. Please ensure that you are either a permanent employee in the civil service title listed on this posting, or, that you file for the examination when there is an open filing period. For more information regarding the civil service process, please visit the DCAS website at: <http://www.nyc.gov/html/dcas/html/work/work.shtml>

For City employees, please go to Employee Self Service (ESS), click on Recruiting Activities > Careers, and search for Job ID #253794
For all other applicants, please go to www.nyc.gov/jobs/search and search for Job ID #253794

-or-

If you do not have access to a computer, please mail resume indicating Job ID # to:
Department of Information Technology and Telecommunications (DoITT)
Recruitment Office - 255 Greenwich Street - 9th Floor - New York, NY 10007

SUBMISSION OF A RESUME IS NOT A GUARANTEE THAT YOU WILL RECEIVE AN INTERVIEW
APPOINTMENTS ARE SUBJECT TO OVERSIGHT APPROVAL

Posting Date: August 19, 2016

Post Until: Filled

The Department of Information Technology & Telecommunications and the City of New York are equal opportunity employers.