

City of New York
Department of Information Technology and Telecommunications
Job Posting Notice

Civil Service Title: Computer Associate (Operations)	Level: 02
Title Code No: 13621	Salary: \$55,556/\$63,889 - \$74,528
Business Title: CRN Project Engineer	Work Location: Brooklyn, NY
Division/Work Unit: Wireless Technologies	Number of Positions: 1
Job ID: 241123	Hours/Shift: Day - 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 CRN Project Engineer reporting to the Wireless Technologies Division. Responsibilities will include: Serve as the lead Project Engineer in the areas of current and future expansion projects; provide engineering oversight, identify risk and safety issues; interact with site owners, review proposed system designs and identify permitting and licensing requirements per project; propose mitigation paths; develop and support various pilots utilizing the Land Mobile Radio (LMR) Systems, Secured Wireless Backhaul Network, Command Vehicle technologies, PTP/PMP, Fiber and Microwave Technologies. Coordinate and oversee vendor(s) in resolving City agencies equipment repairs and equipment installations; provide oversight / support for field related tasks and deployments; support urgent requests from City agencies including but not limited to Line-of-Sight studies, azimuth and elevation PTP link preparation, frequency steering/coordination, beam width considerations and path loss detail; support in-house and in-field TDM based connectivity (DS3, DS1), Wireless IP network configuration including IP Subnetting, Routed IP Topologies and L2 VLAN and VPN Wireless Mission Critical Networks (PTP/PMP); serve as the wireless team's Project Engineering point of contact liaison to City agencies utilizing CRN Systems, Networks and solutions. Provide support to engineering and FCC licensing staff in the Wireless Technologies Division; prepare senior level technical reports for executive management and grant applications; coordinate the implementation of special wireless technology projects and initiatives as assigned.

Minimum Qualification Requirements

1. A certificate from an accredited technical school (approximately 675 hours) with a specialization in computer operations, and two years of satisfactory full-time experience, acquired within the last eight years, working on large-scale mainframe computer operations or mainframe data communication networks;
or
2. A baccalaureate degree from an accredited college and three years of satisfactory full-time experience, acquired within the last eight years, as described in "1" above;
or
3. A four-year high school diploma or its educational equivalent and four years of satisfactory full-time experience, acquired within the last eight years, as described in "1" above;
or
4. A satisfactory combination of education and/or experience equivalent to "1", "2", or "3" above. However, all candidates must have at least two years of full-time experience, acquired within the last eight years, as described in "1" above.

Preferred Skills

The preferred candidate should possess the following: A Bachelor's degree in Electronics-Electrical Engineering and 8 + years of relevant experience; fundamental and advance knowledge of RF assemblies, transmission lines and antenna systems; solid fundamentals of digital radio and microwave technologies (IP and TDM), FCC spectrum allocation and local site construction requirement; well versed with RF test equipment such as Spectrum Analyzers, Service Monitors in both time domain and frequency domain; familiarity with LMR and Broadband antennas, beamwidths, transmitter RF emission designators, bandwidth, deviation parameters, noise floor and SNR measurements; creative, innovative, flexible, resilient and strategic thinker; ability to own and make critical decisions; work under tight deadlines; ability to interface with all levels of technical and management staff; knowledge of NYC agency operations; familiarity with information technology, engineering design and implementation processes; ability to work independently, exceptional knowledge of Microsoft office programs such as Word, Excel, PowerPoint and Visio. Project management certification or background is preferred. IT Certifications and FCC Commercial licenses are highly desirable.

To Apply

For City Employees, please go to Employee Self Service (ESS), click on Recruiting Activities > Careers, and search for Job ID #241123
For all other applicants, please go to www.nyc.gov/jobs/search and search for Job ID #241123

-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: May 26, 2016	Post Until: Filled
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