

NYC OFFICE OF THE COMPTROLLER

JOB VACANCY NOTICE

Title:	IT and Security Auditor (3 positions)
Salary:	\$65,000 - \$80,000
Bureau/Division:	Bureau of Audit / IT Audit
Period:	January 2, 2019 – Until Filled

JOB DESCRIPTION

The New York City Comptroller's Office is seeking highly motivated, detail-oriented, and results-driven IT and Information Security Auditors to join the Audit Bureau's IT Division, and work on a wide variety of audits of New York City government IT systems, projects, and contracts. The Audit Bureau's IT Division plans and executes a wide variety of information technology and cybersecurity audits of New York City government IT systems, projects, and contracts, in accordance with the New York City Charter and generally accepted government auditing standards. These audits assess the confidentiality, integrity, and availability of critical information and information systems, cost-effectiveness, functionality, and security of City agencies' networks, infrastructure design, systems-implementation, and cloud-based services and recommend improvements as needed.

Under the direction of the Supervisor of IT and Security Audits, the responsibilities of the position include, but are not limited to, the following:

- Performing research and analysis of agencies' IT systems, cybersecurity posture, capital IT programs, IT contract compliance, and security programs, including personnel structure, architecture, policies and procedures, incident handling, awareness training, disaster recovery and business continuity;
- Conducting IT and cyber security audits and investigations of complex information technology including evaluating whether security vulnerabilities are properly identified and mitigated, telecommunications and other technical services contracts, their procurement, management, and oversight;
- Preparing and examining technical assessment findings and providing general assistance to the audit staff; assisting in the development of IT and cybersecurity audit plans and programs;
- Conducting fieldwork to gather and/or verify information and ensuring all procedures and testing necessary to meet audit objectives take place; conducting tests of internal controls for audits and investigations of IT, cybersecurity, telecommunications, and other technical services related projects;
- Performing audit procedures and tests necessary to meet audit objectives in compliance with Generally Accepted Government Auditing Standards including Information Technology and Security standards; preparing audit work papers, memos, letters and drafting audit report findings and recommendations;
- Assisting in the development, updating, revising, and improving of IT and Security audit procedures and programs and assisting in creating highly technical audit programs; acting as the IT Audit Division's representative in the field and as liaison between the Comptroller's Office and the agency/entity being audited; and,
- Performing other related work or special studies as may be required.

MINIMUM QUALIFICATION REQUIREMENTS

A baccalaureate degree from an accredited college in computer science, or a related area, and four (4) or more years of progressively responsible experience in computer operations, at least two (2) years of this experience must have been in the field of IT/Information Security.

PREFERRED SKILLS IN ADDITION TO MINIMUM QUALIFICATIONS

- Demonstrated experience with IT audits, assessment of IT risks and controls, information security and cybersecurity, systems implementation and systems architecture;
 - In-depth knowledge of the current cyber threat landscape, with a specific focus on the technical aspects of adversarial Tactics, Techniques and Procedures (TTPs) and their relation to the cyber kill chain and other analytical models;
 - Audit expertise in Unix/Linux, Windows, distributed databases, web technologies, enterprise architecture, virtualization and technology infrastructure;
 - Intermediate level analytical and data analysis skills (e.g. SQL, ACL, or similar tools);
 - Understanding of Java and scripting languages (e.g. PERL, Python, PHP, JScript, VBScript, Unix Shell);
 - Experience with NIST, PCI-DSS, HIPAA, Sarbanes-Oxley, PII, ITIL, ISO 27001 and 27002, COSO principles or other information security frameworks;
 - Advanced proficiency in basic PC applications (MS Excel, Word, PowerPoint, and Visio);
 - Microsoft Networking including Active Directory and Group Policy;
 - Related industry certifications such as CISSP, CISA, and CISM is desirable;
 - Experience with GAGAS, FISCAM, risk and compliance;
 - Record of seeking self-improvement through education, certification, training, and staying abreast of current and emerging technologies; and,
 - Excellent interpersonal, communication, writing and organizational skills.
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TO APPLY, GO TO: Employment Opportunities at www.comptroller.nyc.gov

Certain residency requirements may apply. We appreciate every applicant's interest; however, only those under consideration will be contacted.

Note: Vacancy notices listed as "Until Filled" will be posted for at least five work days.

POSTING DATE: January 2, 2019	POST UNTIL: Until Filled	JVN: 015/019/051
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The NYC Comptroller's Office is an Equal Opportunity Employer