



New York City Employees' Retirement System Job Vacancy Notice **CITYWIDE**

Civil Service Title: Computer Systems Manager, M-3

Salary: \$140,000- TBD (Annual)

Title Code: 10050

Division: Information Security

Job Description:

NYCERS seeks to hire a Deputy Chief Information Security Officer (DCISO). The Deputy CISO works with and reports to the NYCERS Chief Information Security Officer (CISO) in leading the Agency's enterprise-wide cybersecurity program and providing security oversight to the agency's information technology (IT) investments. The Deputy CISO develops, evaluates and implements policies for agency-wide programs.

Under the direction of the Chief Information Security Officer, this role provides support in building a strategic and comprehensive Information Security program that defines, develops, maintains and implements policies and processes that enable consistent, effective information security practices, which minimize risk and ensure the integrity, confidentiality and availability of information that is owned, controlled and processed within the organization.

Responsibilities include, but are not limited to:

- Leading a team of cybersecurity professionals across a broad range of disciplines, including security operations; Governance, Risk, & Compliance (GRC); support; incident response; implementation and optimization of security tools; access control; analytics; threat hunting/emulation; management of threat intelligence and vulnerabilities; security engineering; monitoring/detection; forensic investigations; metrics; training; and policy creation and implementation, ensuring compliance with the National Institute of Standards and Technology (NIST) and other applicable policies, laws and governing frameworks.
- Supporting the CISO in the development of an Information Security Program (ISP) and Information Security Management System (ISMS), providing assurances by way of reporting the effectiveness of the ISP.
- Developing a comprehensive cybersecurity policy that ties to the ISP and integrates with the controls to support the security architecture.

MINIMUM REQUIREMENTS ARE ATTACHED

New York City residency is not required.

NYCERS is an Equal Opportunity Employer

Internal candidates must have been rated a satisfactory or better on their last annual evaluation.

CANDIDATE MUST BE PERMANENT COMPUTER SYSTEMS MANAGER OR REACHABLE ON THE COMPUTER SYSTEMS MANAGER, EXAM NO. 9011 LIST.

TO APPLY FOR CONSIDERATION, PLEASE FORWARD A COVER LETTER INDICATING POSTING NUMBER 009-20-0060 AND A COPY OF A CURRENT RESUME TO:

CITY EMPLOYEES: Employee Self Service (ESS). www.nyc.gov/ess. Search for Job ID#: 436995

ALL OTHER APPLICANTS: www.nyc.gov/careers/search. Search for Job ID#: 436995

DATED: 3/9/2020

POST UNTIL: Until Filled

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009-20-0060



Responsibilities include, but are not limited to:

- Working with IT Architecture, Engineering, and Operations teams to oversee (designs architecture/integration, procure, configure, manage) a comprehensive suite of security tools and monitoring technologies based on a continuous review of industry trends, security architecture designs, and gaps in the environment.
- Continuously monitoring threat detection and response, hunting, compliance, and related enterprise-level security activities. Recommends enhancements designed to provide a comprehensive set of tools that integrate effectively and keep pace with evolving threats. Developing and refining the security program with innovative strategies and tactical plans, leveraging the latest industry research, threat analysis, and lessons learned from internal practices.
- Conducting security assessments of all aspects of the IT architecture for compliance and to determine where vulnerabilities exist, translating findings into Remediation Plans.
- Leading security monitoring of all environments and incident response to cyber-attacks by designing comprehensive plans, managing routine exercises, partnering with threat experts and law enforcement, fine tuning and optimizing security tools, working with external vendors, and building and leveraging threat intelligence and analytics programs.
- Updating and enhancing a comprehensive threat monitoring and response program capable of rapidly detecting and responding to attacks.
- Creating and overseeing penetration testing and vulnerability management efforts. This includes threat hunting and emulation (red team/blue team) efforts designed to detect and repair vulnerabilities across the enterprise network, determining where the architecture lacks sufficient security controls that could be exploited by an adversary.
- Developing and managing an innovative and current cybersecurity training and awareness program that looks both internally at developing professionals in the field and educating employees across NYCERS. Ensures employees at all levels receive training to prevent security mishaps and build a security conscious workforce.
- Providing leadership to the agency's Information Security team by mentoring, coaching, and training.
- Overseeing Identity and Access Management settings, tools and governance standards.
- Ensuring the Disaster Recovery and Incident Response plans and procedures in the organization are updated and exercised.
- Ensuring security testing and validation methodologies are part of the development lifecycle on any solution.
- Serving as an Information Security consultant to all departments for all data security related issues.
- Maintaining working knowledge of security standards, frameworks, certification requirements and accreditation standards.
- Briefing the executive team on progress being made to enhance security, status of security and risks, including taking the role of champion for the overall strategy.

Following is a list of technologies in which the individual must be familiar with: Internet Proxy servers, Identity Management Systems, CASB, DLP, Access Lists, Wireshark, Next Generation and Stateful Inspection Firewalls, DDoS mitigation, Anti-Virus, Email security gateways, Windows 7 and 10, VMWare, Citrix virtual applications and desktops (VDIs), Windows Server 2012 administration (including Active Directory, DNS, FTP, WSUS, and Group Policies), SalesForce, ServiceNow, IBM FileNet P8, Office365 (including Azure AD, InTune, Sharepoint, and Exchange Online), Mainframe technologies, VoIP, Telephony, and a number of 3rd party products.

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Preferred Skills:

- CISSP or C|CISO Certification.
- CISM, or CISA, or CGEIT Certification.
- ITIL Foundation Certificate in IT Service Management or equivalent processes.
- 5+ years of experience managing teams in a large and complex production operational environment.
- Experienced working with other New York City Agencies.
- Understanding of mainframe, applications, telephony, and network environments.
- Strong attention to detail.
- Understanding and experienced supporting relevant voice and data (IP) technologies.
- Ability to understand customer needs and translate to action.
- Strong commitment to customer satisfaction.
- Excellent organization, time management and follow-up skills.
- Understanding of proactive security monitoring tools and alerts.
- Outstanding written and verbal communication skills.
- Strong passion for improving processes and overall customer experience.
- Ability to ensure consistency of operations and respond and resolve tickets within predefined SLAs.
- Establish and maintain a productive team environment.
- Address personnel performance concerns timely and respectfully.
- Provide accurate Security reports and metrics to leadership.
- Ability to effectively escalate critical outages that could significantly impact the business.
- Knowledge of Cloud applications and security architectures.
- Expertise with Incident Response.
- Risk Management, Compliance, and Audit experience.
- Experience with Threat and Vulnerability Management.
- Establish Data Classification model with support processes and adequate controls for data protection.
- Understanding of Business Continuity and Disaster Recovery.
- Honor and demonstrate our Agency's Mission, Vision and Values at all times.

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Minimum Qualification Requirements:

1. A master's degree in computer science from an accredited college and three years of progressively more responsible, full-time, satisfactory experience using information technology in computer applications programming, systems programming, computer systems development, data telecommunications, database administration, planning of data/information processing, user services, or area networks at least 18 months of this experience must have been in an administrative, managerial or executive capacity in the areas of computer applications programming, systems programming, computer systems development, data telecommunications, data base administration, or planning of data processing or in the supervision of staff performing these duties; or
2. A baccalaureate degree from an accredited college and four years of experience as described in "1" above; or
3. A four-year high school diploma or its educational equivalent approved by a State's department of education or recognized accrediting organization and six years of experience as described in "1" above; or
4. A satisfactory combination of education and experience equivalent to "1", "2" or "3" above. However, all candidates must have at least a four-year high school diploma or its educational equivalent approved by a State's department of education or recognized accrediting organization and must possess at least three years of experience as described in "1" above, including the 18 months of administrative, managerial, executive or supervisory experience as described in "1" above.

Note: This position is open to qualified persons with a disability who are eligible for the 55-a Program. Please indicate on your resume or cover letter if you would like to be considered for the position under the 55-a Program.