



CYBERSECURITY ANALYST

Dutchess County Office of Central and Information Services (OCIS)

Salary Range: \$83,044 (2024 Salary)

This is a provisional position in the Dutchess County Office of Central and Information Services (OCIS) pending a future civil service exam. This is a highly specialized position responsible for protecting the digital and electronic information assets of Dutchess County. Responsibilities include ongoing analysis and monitoring of security information and event sources, working with other staff to implement cybersecurity policies, standards, and procedures, and working to protect the confidentiality, integrity, and availability of information assets. The incumbent also provides advice and direction to all County departments through education and awareness programs and the implementation of cybersecurity policies, standards, and procedures. Supervision of others is not a normal function of this position.

TYPICAL WORK ACTIVITIES:

Monitors logs and detection systems, and analyze events and patterns to identify potential vulnerabilities, threats, and cybersecurity incidents; monitors cyber intelligence sources for alerts and vulnerabilities that may impact County information assets, distribute notifications to proper parties, and coordinate with appropriate staff to implement vulnerability management; contributes to the development of county-wide or departmental policies, standards, and procedures related to the implementation of cybersecurity best practices; works with OCIS staff to develop cybersecurity models, and implement the models through the installation, configuration, and monitoring of security tools and procedures; configures appropriate security controls to enforce policies, standards, and procedures to protect information assets; develops standards and procedures for secure software configuration and design; participates in the system development life cycle to review software configuration and design, and perform threat and risk analysis to ensure proper security practices are used; performs vulnerability scans and security tests using commercial and open-source tools, and by developing and maintaining scripts and procedures to perform threat assessments; participates as a member of the security incident response team, evaluate security incidents to develop solutions, and participate in after-hours or on-call incident management; ensures security awareness through training programs and education for all County employees and OCIS staff; responds to and assists in cybersecurity assessment requests; evaluates vendor products and services; prepares technical specifications for technology procurement and evaluates potential purchases from a cybersecurity perspective; researches and attends training to stay current with cybersecurity trends and best practices.

MINIMUM QUALIFICATIONS:

- EITHER: (A) Bachelor's degree in cybersecurity, computer science, computer/network security or a closely related field AND two (2) years of full-time paid work experience in information technology and cybersecurity;
- OR: (B) Associate's degree as described in (A) AND four (4) years of full-time paid work experience as described in (A);
- OR: (C) An equivalent combination of education and experience as indicated in (A) and (B).

NOTE: Education beyond the bachelor's level may be substituted for up to one year of work experience.

NOTE: Your degree or college credit must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education.

NOTE: Certification as a Certified Information Systems Security Professional (CISSP), Certified Secure Software Lifecycle Professional (CSSLP), or CompTIA Security+ may be substituted for up to one year of work experience.

SPECIAL REQUIREMENTS:

Possession of a valid Driver License to operate a vehicle in New York State at time of application and to maintain appointment.

FINGERPRINTING: A fingerprint supported background investigation is required before an appointment is made to some positions. Pursuant to New York State Executive Law, the Division of Criminal Justice Services requires that a fee accompany each such request for a search. It is due once a job offer is made and accepted by the applicant.

For immediate consideration, submit an application on or before October 20, 2024.

Apply online at www.dutchessny.gov/jobs,

OR

Download an application from www.dutchessny.gov/jobs,
and mail it to the Dutchess County Department of Human Resources, 22 Market Street,
Poughkeepsie, NY 12601

An EEO/AA Employer

Posted: 9/30/24