



Position Overview

The Library of Virginia is seeking a Security Analyst to provide cyber security expertise in support of the Library's mission to preserve, protect, and make available, Virginia's unique digital government records for current and future generations. The candidate selected for this position will be responsible for managing and administering the Library of Virginia's cyber security program. This includes ensuring compliance with all applicable IT records management and Virginia Department of Emergency Management standards and policies, adoption of relevant security best practices, analysis of application and database security configurations, analysis of vulnerability scanning, creating and implementing remediation plans, providing IT risk management, supporting business impact analysis, supporting continuity of operations efforts, disaster recovery planning, and other associated responsibilities. Core responsibilities include cybersecurity monitoring, assessment, and management; incident response and security remediation; policies, reporting, and planning; creating cyber security training programs; providing advice and guidance to Library Development and public libraries; serving on LVA workgroups and committees; and serving on Commonwealth of Virginia security workgroups and committees. Ideal candidates will have substantial experience with all areas of cyber security.



OUR LOCATION:

800 East Broad Street
Richmond, VA 23219

The Library of Virginia

The Library was founded in 1823 to preserve and provide access to Virginia's incomparable manuscript and printed holdings, 122 million & 3 million respectively. Our collection, which has grown steadily through the years, is the most comprehensive resource in the world for the study of Virginia history, culture, and government.



As the Commonwealth's library and archives, the Library of Virginia is a trusted educational institution. We acquire, preserve, and promote access to unique collections of Virginia's history and culture and advance the development of library and records management services statewide.

THE LIBRARY OF VIRGINIA'S MAIN BUILDING

IT SECURITY ANALYST (Information Technology Specialist III)

Position Number 00145

Salary Commensurate with Experience

Full-time with benefits

Qualifications

Knowledge of:

- National Institute of Standards and Technology Cyber Security Framework;
- Current and emerging threats/threat vectors;
- Known vulnerabilities from alerts, advisories, errata, and bulletins;
- Current industry methods for evaluating, implementing, and disseminating IT security assessment, monitoring, detection and remediation tools and procedures utilizing standards-based concepts and capabilities;
- Disaster recovery/continuity of operations planning;
- Enterprise incident response program, roles, and responsibilities;
- Industry-standard and organizationally accepted analysis principles and methods;
- Network security architecture concepts including topology, protocols, components, and principles (e.g., application of Defense-in-Depth);
- Network systems management principles, models, methods (e.g., end-to-end systems performance monitoring), and tools;
- New and emerging IT and information security technologies;
- Relevant laws, policies, procedures, or governance as they relate to work that may impact critical infrastructure;
- Risk management processes, including steps and methods for assessing risk;
- Server administration and systems engineering theories, concepts, and methods;
- Server and client operating systems;
- Structured analysis principles and methods; and,
- Systems lifecycle management principles, including software security and usability.

Skills in:

- Creating policies that reflect system security objectives;
- Determining how a security system should work (including its resilience and dependability capabilities) and how changes in conditions, operations, or the environment will affect these outcomes; and,
- Penetration testing and ethical hacking.

Ability to:

- Learn our environment quickly and customize best-practice approaches to our environment as needed;
- Quickly learn Commonwealth of Virginia Security Standards, Policies and Guidelines;
- Work with non-technical staff to help them achieve a better understanding of technology security needs and requirements;
- Balance LVA business needs with security requirements; and,
- Build relationships with LVA staff members and outside entities (e.g., suppliers, other agencies, etc.).

Preferred Qualifications:

- Graduation from a college or university with major study in cybersecurity, computer science, information management systems, or a related discipline, plus some experience in an acceptable technical area; and,
- Substantial experience with all areas of cybersecurity.

An equivalent combination of education, training, and experience may substitute for educational requirements.

To Apply

Candidates must submit a fully completed Virginia state employment application, cover letter & resume online at <https://virginiajobs.peopleadmin.com> for position #00145.

Please visit our website at www.lva.virginia.gov for full announcement and additional information. Selected candidate must complete a criminal background check.

In compliance with the Americans with Disabilities Act (ADA), the Library of Virginia will provide, if requested, reasonable accommodations to applicants in order to provide access to the application and/or interview process. You are not required to note the presence of a disability on your application. If you require accommodations, please contact the:

Office of Human Resources at 804/692-3586 or email nancy.epperly@lva.virginia.gov.

An EEO/AA/ADA Employer

Applications for this position must be received by 11:59pm on September 23, 2016.