



## LIBRARY OF VIRGINIA

### INFORMATION SECURITY/CYBERSECURITY INTERN UNPAID INTERNSHIP OPPORTUNITY – SPRING SEMESTER 2019 INFORMATION TECHNOLOGY DIVISION

#### JOB DESCRIPTION

The mission of the Information Security and Technology Services Department in the Information Technology Division at the Library of Virginia is the protection of agency data and systems through risk analysis, enterprise security solutions, and continual enhancement of our protection profiles.

As an intern at the Library, the selected candidate will have the opportunity to learn from and work alongside the Information Security Officer in providing technical development and security guidance to customers within the agency to include:

- Providing Depth in Defense principles and technology in security engineering designs and implementation;
- Applying security risk assessment methodology to system development, including assessing and auditing network penetration testing, antivirus deployment, and risk analysis;
- Conducting simulation Incident Response activities;
- Reviewing and assessing information security events and logs via Nessus Security Center;
- Validating system security requirements definition and analysis and reviewing System Security Plans for enterprise-wide architectures;
- Implementing security designs in hardware, software, data and procedures; and,
- Reviewing technical policy guidance to agency systems.

The selected candidate's specific internship program will determine the required hours; however, **the intern must be able to complete the required hours Tuesday through Thursday, between the hours of 9:00 AM and 3:30 PM, for no more than 10-20 hours per week.**

#### TO PARTICIPATE IN THE LIBRARY OF VIRGINIA'S INTERNSHIP PROGRAM, YOU MUST MEET THE FOLLOWING CRITERIA

- Applicants must be able to complete the internship program and attend orientation on designated date and time; and,
- Applicants must be eighteen years of age or older and actively enrolled in an accredited university or college seeking the internship for academic or course credit.

#### KEY QUALIFICATIONS

- Currently enrolled in a four-year undergraduate degree from an accredited college or university with a curriculum in cybersecurity, information assurance, computer science, mathematics, computer engineering, or other related technical field;
- Three (3) or four (4) years of college course work with some fundamental computer science, cyber defense classes, or relevant cyber defense work experience;



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- Excellent oral and written communication skills;
- Strong commitment to continuous learning;
- Ability to work in a team environment and to listen well and work with others; and,
- A GPA of 3.0 or higher is preferred.

### TO APPLY

Candidates must submit a completed Virginia state employment application for position #IN004 online at <https://virginiajobs.peopleadmin.com> by **11:59 PM on January 15, 2019**. Please visit our website at [www.lva.virginia.gov](http://www.lva.virginia.gov) for additional information about the agency. **Selected candidate must complete a criminal background check.**

The Library of Virginia is an Equal Opportunity Employer and encourages women, minorities, individuals with disabilities, veterans, and people with National Service experience to apply. Reasonable accommodations are available to persons with disabilities during the application and/or interview process per the Americans with Disabilities Act. **An EEO/AA/ADA Employer**