



**NJ DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SPARK PROFESSIONAL INTERNSHIP PROGRAM  
NOTICE OF VACANCY**

**Title:** Information Security Analyst Intern

**Posting Number:** DOIT-2024-2i

**Opening Date:** 2/14/2024

**Closing Date:** 3/29/2024

**Approximate Start Date of Internship:** Summer 2004

**Approximate Duration of Internship:** 8-12 weeks

**Vacancies:** 2

**Location:** Trenton NJ

**Program:** Division of Information Technology (DOIT) - Bureau of IT Operations

**Internship Hours Per Week:** Fully in-person 14-21 hours per week

**Hourly Rate:** Sliding Scale based on Education Level (\$16-\$21 Per Hour)

**Program Description:** The Division of Information Technology's Information Security Unit (ISU) implements preventative and reactive security controls, provides guidance, and administers policies in accordance with the New Jersey Statewide Information Security Manual (SISM). As such, duties imply consistency in understanding new and current threats and threat actors when incidents occur, as well as the processes they undergo towards our organization. Applying that skillset to the protection of the Department's assets and data, whilst improving upon its security posture continues to be at the forefront of our goals.

**Priorities are focused on these areas:**

- Incident Response
- Vulnerability Management
- Security Awareness Training
- Internet Security Monitoring and Protection
- Endpoint Protection and Threat Analytics
- Email Security and Protection
- Encryption (file, folder, and device)

**Project Description:** Interns will work closely with ISU towards a hands-on approach of learning how to respond to incidents, analyze forensic data, understand encryption methods, and various security network protocols and tools. In addition, interns will work towards automation of security functions to create workflows and/or playbooks. Knowledge of automation processes i.e. Python, Jupyter, and PowerShell are preferred.

**Specific to the Position:** Individuals should have some familiarity with the New Jersey Statewide Information Security Manual (SISM). As ISU provides information of current security events to our employees, interns will present current security threats and remediation efforts in a public or remote setting. Additionally, interns will participate in cyber range events or tabletops monthly to sharpen the skills they've acquired.

**Preferred/Required Area of Study:** Seeking individuals enrolled in an undergraduate or graduate program at an accredited university/college studying cybersecurity, information technology, network security, or computer science with a focus on cybersecurity. Certifications focusing on cybersecurity may also be accepted.

**License:** Appointee will be required to possess a driver's license valid in New Jersey only if the operation of a vehicle, rather than employee mobility, is necessary to perform the essential duties of the position.

**Residency:** All persons newly hired on or after September 1, 2011 have one year from the date of employment to establish, and then maintain principal residence in the State of New Jersey subject to the provisions of N.J.S.A. 52:14-7 (L.2011, Chapter 70), also known as the "New Jersey First Act".

**Authorization to Work:** Selected candidates must be authorized to work in the United States per the Department of Homeland Security, United States Citizenship and Immigration Services regulations. Note: The State of New Jersey does not provide sponsorship for citizenship to the United States.

**Veteran's Preference:** To qualify for New Jersey Veteran's Preference/status, you must establish Veteran's Preference through the Department of Military and Veterans' Affairs. Please submit proof of your Veteran's Preference along with your resume as indicated below. For more information, please visit <https://nj.gov/military/veterans/services/civil-service/preference/>

**SAME applicants:** If you are applying under the NJ SAME program, your supporting documents (Schedule A or B letter) must be submitted along with your resume by the closing date indicated above. For more information on the SAME program, please visit <https://nj.gov/csc/same/overview/index.shtml>, email [SAME@csc.nj.gov](mailto:SAME@csc.nj.gov), or call CSC at (609) 292-4144 and select Option #3.

**Submit Resume and Internship Information Form by 4:00PM on the closing date to:**

NJDEP Internship Coordination Team

[DEPinternships@dep.nj.gov](mailto:DEPinternships@dep.nj.gov)

*Please include the title and posting # of this Notice of Vacancy in the subject line of your e-mail.*

**The New Jersey Department of Environmental Protection is an Equal Opportunity Employer and is committed to inclusive hiring and a diverse workforce. We strongly encourage people from all backgrounds to apply. Accommodations under ADA will be provided upon request.**

