



New Jersey Department of Environmental Protection

Notice of Vacancy - Hourly

Title: Software Development Specialist 1 - Hourly

Posting Number: WRM-2024-1H

Open to: General Public

Work Week: 20 - 30 hours per week (up to a maximum of 900 hours per fiscal year)

Hourly Rate: \$25.00 – \$28.00 per hour

Opening Date: 7/29/2024

Closing Date: 08/19/2024

Existing Vacancies: Three (3)

Program/Location

Department of Environmental Protection
Water Resource Management
Water Monitoring, Standards & Pesticide Control
Director's Office
401 East State Street
Trenton, NJ 08625

Scope of Eligibility: Open to applicants who meet the requirements below.

Description: Under close supervision and monitoring in a state or local government agency, performs analysis, maintenance, programming and support work on modules of existing systems; may develop web applications or websites; does other related work.

Specific to the Position: The Division of Water Monitoring, Standards and Pesticide Control (DWMSPC), Director's Office is seeking candidates who are willing to learn various IT technologies and apply those skills to assist staff in completing project tasks. In addition to supporting staff within DWMSPC, collaboration with the DEP Divisions of Water Supply & Geoscience, Water Quality, and Water Enforcement will also occur. The position will provide exposure to a combination of Information Technology (IT) disciplines such as: programming, databases, Geographical Information Systems (GIS), data analysis, and web related work.

Candidates will be expected to:

- (1) Interact with DWMSPC staff to assist with various IT related issues/requests;
- (2) Work alongside bureau and division IT lead(s);
- (3) Complete assigned DEP supplied IT training;
- (4) Assist staff in developing presentations, posters and reports;
- (5) Participate in system design sessions for the modernization of new IT applications;
- (6) Write code as needed to develop data management tools and applications;
- (7) Maintain customized software applications and address requested enhancements as needed;
- (8) Develop IT test scripts for staff to use during the testing of IT systems;
- (9) Participate in testing new IT systems and provide feedback for improved reliability;

- (10) Ensure that existing programming code has been documented thoroughly;
- (11) Work in the field, as needed, to learn IT aspects of continuous monitoring equipment; and
- (12) Data analysis and manipulation
- (13) Develop web applications or websites and maintain existing Division webpages

Preferred Skill Set: Experience in the below skill sets is preferred but not required.

Programming:

- Object oriented programming languages such as Visual Basic for Applications (VBA) and Python.
- Functional programming languages such as R Scripting.
- Low-code platforms such as Pega

Database:

- Microsoft SQL Server
- Microsoft Access

GIS:

- ESRI's ArcGIS Pro

Data Visualization

- Tableau

Education:

- Either completed or currently pursuing an IT Degree.

Web-design:

- WordPress, HTML and Canva

Requirements

Applicants must meet one of the following or a combination of both experience and education. Thirty (30) semester hour credits are equal to one (1) year of relevant experience.

One (1) years of professional experience in programming, systems programming or computer analysis.

NOTE: "Professional experience" refers to work that is analytical, evaluative, and interpretive; requires a range of basic knowledge of the profession's concepts and practices; and is performed with the authority to act and make accurate and informed decisions.

License: Appointees 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 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://www.nj.gov/military/veterans/services/civil-service-preference/>

Submit Letter of Interest, Resume, Unofficial Transcripts (if college degree is required), and the [Personal Relationship Disclosure Statement](#) by 4:00 p.m. on the closing date to:

Talent Acquisition Team

Division of Human Resources

E-mail Address: DEP-HR-WRM.Resumes@dep.nj.gov

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

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, or call CSC at (609) 292-4144 and select Option #3.

Posting Authorized By:

Phiroza Stoneback, Manager

Division of Human Resources

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.