CITY OF NEW YORK PARKS & RECREATION
CITYWIDE JOB VACANCY NOTICE: Job ID No. **594242**

Office Title: Automation Testing Engineer
Civil Service Title: IT Automation and Monitoring Engineer   **Title Code No:** 95712   **Level:** NA
Salary: $90,000 - $95,000
Number of Positions: 1   **Work Location:** Arsenal West, Manhattan

NYC Parks helps bring together people from all over our great city. From the iconic Central Park to neighborhood playgrounds, we own and operate some of the most exemplary green spaces in the world. At NYC Parks, our mission is to plan resilient and sustainable parks, public spaces, and recreational amenities, build a park system for the present and future generations, and care for parks and public spaces.

NYC Parks offers innovation, leadership, the satisfaction of public service and a place to grow and develop your career. Full-time employees are also eligible for a wide variety of City benefits and perks.

Compressed Working Schedule – flexible working schedule may be available.

Health Care Coverage - We offer a wide variety of health care plans to meet the needs of you and your family.

Pension - Upon retirement, qualified members of the City's generous pension program receive a guaranteed salary and health benefits for the rest of their lives.

Professional Development - We offer numerous training programs, leadership development opportunities, and career coaching services, while encouraging employees to attend approved off-site training and seminars.

Perks - Our employees are eligible for discounts on some of the top attractions in the city, and all employees receive free membership to our recreation centers.

The Department of Parks and Recreation's Information Technology (IT) department is looking for an Automation Testing Engineer with test automation and performance testing background who will help the Agency achieve its quality goals through implementing various quality standards at various phases of the Software Development Life Cycle (SDLC).

The selected candidate will ensure high-quality software delivery by planning, implementing and automating quality assurance testing. Responsibilities include developing test plans, creating test cases, writing test automation code and reporting results.

Major Responsibilities
- Plan and implement testing (e.g., regression, functional, data validation, system integration, load, or performance tests) for new and existing functionality.
- Work closely with development teams to design testing strategies and integrate testing into the development process.
- Plan, create, execute and automate test cases, work with business partners, developers and other stakeholders.
- Document and analyze test results and recommend corrective action.
- Isolate, reproduce, manage, and maintain defects and test case databases, and verify fixes.
- Support user acceptance testing conducted by business partners or end users.
- Conduct exploratory testing and risk analysis for complex features, e.g., those that span across platforms or teams.
- Identify opportunities to reduce testing time and effort by automating repeatable tests.
- Enhance and maintain the test automation framework.
- Understand and apply automated testing approaches such as model-based testing or record-and-replay.
- Research, recommend and implement new testing technologies and practices, such as incorporating machine learning.
- Define and champion quality and testing best practices among development teams.
- Collaborate and share information with other software Quality Assurance engineers, e.g., by participating in a community of practice.

Qualification Requirements
1. A Baccalaureate degree in computer science, engineering or a related field from an accredited college and four years of satisfactory full-time experience related to IT automation engineering, monitoring engineering, management of infrastructure; or
2. Eight years of satisfactory full-time experience related to IT automation engineering, monitoring engineering, management of infrastructure.
3. Education and/or experience which is equivalent to "1" or "2" above.

This position is exempt from NYC residency requirements.

Preferred Skills/Qualifications

1. Software development experience. Proficiency in .net, VBScripting, C#, JavaScript, or Python.
2. Experience writing test automation scripts.
3. Experience with Structured Query Language (SQL) and running back-end/database queries for data set-up and verification.
4. Experience designing and implementing test plans for Commercial-Off-The Shelf solutions (Salesforce, Microsoft Dynamics, ESRI) or customized web-based applications.
5. Experience with test management tools (e.g., TestRail, XRay, Qtest, Quality Center).
6. Experience with test automation frameworks (e.g., Selenium, Appium, Puppeteer, Playwright).
7. Experience with application performance monitoring and observability tools.
8. Attention to detail and ability to identify, isolate and document defects.
9. Strong knowledge of agile practices and experience with agile planning tools (e.g., Jira).
10. Effective verbal and written communication skills for both technical and non-technical audiences.
11. Experience with application security testing is a plus.
12. Experience with Accessibility testing compliant with Americans with Disabilities Act.
13. Experience designing, construction Performance Testing Frameworks; Scripting using industry proven tool.
14. Collaboration skills and ability to work on a team.
15. Adaptability and willingness to learn.

How to Apply
Parks Employees:

1) From a Parks computer: Access **Employee Self Service (ESS)** from the Parks Intranet under Applications or use this link: https://hrb.nycaps.nycnet/. Once in ESS, go to Careers and search for **Job ID# 594242.** Do not access **ESS** using nyc.gov/ess from a Parks computer.

Parks & City Employees:

2) From a Non-Parks computer: Access **Employee Self Service (ESS)** by going to **nyc.gov/ess** or use this link: **https://a127-ess.nyc.gov/**. Once in **ESS,** go to Careers and search for **Job ID# 594242.**

Include your ERN and **Job ID# 594242** on your cover letter and resume.

All other applicants:
Click here to apply: Automation Testing Engineer OR
Go to nyc.gov/careers/search and search for **Job ID# 594242.**

POST DATE: 07/21/2023   POST UNTIL: FILLED

NOTE: References will be required upon request.