

City of New York/Parks & Recreation
Seasonal Job Vacancy Notice
Office Title: GIS Specialist
Civil Service Title: Computer Associate (Software)
Location: Red Trailer Olmsted Center, Queens
Salary: \$32.84/hour
Duration: 8 months, beginning April 1, 2015

The mission of Forestry, Horticulture, and Natural Resources is to protect, restore, expand and manage New York City's natural spaces and green infrastructure to maximize their benefits to both ecological function and quality of life. The division is responsible for citywide urban forestry, ecological, and horticulture initiatives. Trees Count 2015! Street Tree Census will be the third citywide street tree census since 1995 and will engage citizens to map street trees through neighborhood-based participatory events. Data collected will further the understanding of the urban forest and inform urban forest planning efforts.

MAJOR RESPONSIBILITIES

- Under direction of the Director of GIS & Analytics, with latitude for independent initiative and judgment, contribute to and support the TreesCount!2015 through GIS mapping support and data analysis.
- Coordinate and support the volunteer outreach, mapping events, data collection and quality assurance aspects of the Census using maps and data.
- Support the usage and assist in the administration of the TreesCount!2015 Web App and data collection platform by NYC Parks staff and partner groups.
- Review and perform quality assurance on incoming Tree Census data.
- Support the review and integration of Census data into NYC Parks' Forestry Management system.
- Prepare maps, diagrams, and other data and analytical products to support the outreach, communication and reporting needs of the Census.
- Provide other GIS mapping, data management and analytical support as needed.

QUALIFICATION REQUIREMENTS

1. A baccalaureate degree from an accredited college including or supplemented by 24 semester credits in computer science or a related computer field and one year of satisfactory full-time computer software experience in computer systems development and analysis, applications programming, database administration, systems programming or data communications; or
2. A four-year high school diploma or its educational equivalent and five years of satisfactory full-time computer software experience as described in "1" above; or
3. Education and/or experience equivalent to "1" or "2" above. College education may be substituted for up to two years of the required experience in "2" above on the basis that 60 semester credits from an accredited college is equated to one year of experience. In addition, 24 semester credits from an accredited college or graduate school in computer science or a related field, or a certificate of at least 625 hours in computer programming from an accredited technical school (post high school), may be substituted for one year of experience.

However, all candidates must have at least a four-year high school diploma or its educational equivalent and at least one year of satisfactory full-time experience as described in "1" above.

PREFERRED SKILLS/QUALIFICATIONS

1. A degree with major study in Geography, Geographic Information Systems, computer science and/or information management; course work in environmental sciences, ecology, forestry and other related disciplines such as horticulture, landscape architecture or city planning.
2. Extensive experience using GIS software, specifically ESRI ArcGIS suite, ArcGIS APIs, and related computer systems (hardware and software), in particular ArcGIS Server / ArcGIS Online and experience with web applications.
3. Demonstrated knowledge of JavaScript. Strong familiarity with SQL, SQL Server, and Python.
4. Experience with data management, analysis and visualization.
5. Experience with mobile devices and other field computing solutions.
6. Collaborative, communicative team player.
7. Driver license valid in New York State.

To apply, please submit cover letter & resume to:

Jacqueline Lu, Director of GIS & Analytics
City of New York/Parks & Recreation
Forestry, Horticulture & Natural Resources
117-02 Roosevelt Avenue. Flushing, NY 11368
Email: Jacqueline.Lu@parks.nyc.gov

