

2022 NYC SUMMER INTERNSHIP PROGRAM

AGENCY NAME

FIRE DEPARTMENT OF NEW YORK CITY

DIVISION

Bureau of Plant Operations

ADDRESS1 314 Sgt. Beers Ave.

ADDRESS2 Bayside, NY 11359 (located in Fort Totten)

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FAX

AGENCY DESCRIPTION (Max characters 3000)

The Fire Department of the City of New York (FDNY) is the largest Fire Department in the United States and universally is recognized as the world's busiest and most highly skilled emergency response agency. The Department's main goal is to provide fire protection, emergency medical care, and other critical public safety services to residents and visitors in the five boroughs. FDNY not only responds to more than a million emergencies every year, its personnel also strive to prevent them by continually educating the public in fire, life safety and disaster preparedness, along with enforcing public safety codes. Since its inception in 1865, FDNY has helped lead efforts to make New York the safest big city in the nation.

UNIT DESCRIPTION (Max characters 1000)

The Bureau of Plant Operations is tasked with the overall installation and support of the NYC Fire Department Communication systems. Similar to a telecommunication company, the Bureau is responsible for all installation and maintenance of all FDNY's Fiber Optic installations for network connectivity, managing a GIS data base of the entire Citywide FD fiber infrastructure and assets, repair and maintenance of the existing FDNY Emergency Communications Copper System related to all 14,000+ Fire alarm boxes that consists of both underground and aerial copper, and fiber communications cable infrastructure, spanning a combined 3,000 miles and feeding all FDNY firehouses, EMS stations, Central Communication Offices, and all support services buildings.

POSITION TITLE (Max characters 100)

Plant Operations Intern

INTERNSHIP RESPONSIBILITIES (Max characters 1500)

- Assist in GIS mapping of existing and new feature classes.
- Link images to GIS (documents and pictures).
- Conduct field visits to verify and update information to keep the GIS up-to-date and as accurate as possible.
- Assist with the creation and testing of web/mobile applications.
- Create maps for staff on an as-needed basis.
- Assist project management staff in meetings, budgetary tracking, milestones and implementation and installation planning of a fiber optic build out infrastructure (inside and outside plant).
- Work with IT network engineers on system engineering requirements and integration.
- Assist Engineering department in reviewing fiber optics strand allocation, equipment, routing, data cabinet and street cabling designs.

QUALIFICATIONS/SPECIAL SKILLS/AREA OF STUDY (Max characters 1500)

- Knowledge of ESRI Mapping Software ArcGIS 10.8 (ArcMap, ArcGIS Online, Portal).
- Knowledge of automated programming languages (Python, SQL).
- Knowledge of Microsoft Office such as Access, Excel, Word, Visio, and Project.
- Knowledge of Fiber Optics.
- Ability to multi-task.
- able to read and understand blue print, design plan documents, and engineering documents.

APPLICATION PROCESS (Max characters 700)

All applicants must visit the NYC Careers website at www.nyc.gov/careers and search for Job ID#528429. **Internship position FDNY-004 must also be indicated on the cover letter and resume.**

SALARY RANGE

\$ 15 - \$ 17.50 Per Hour \$ 525 - \$ 612.50 Per Week

Internship may be used to fulfill college credit requirement

ADDITIONAL INFORMATION / COMMENTS (Max characters 700)

On **Wednesday October 20, 2021**, Mayor Bill de Blasio announced a COVID-19 vaccination mandate for all City workers. As such, in order to move forward with a conditional offer of employment, you will be required to provide proof of at least one dose of an approved COVID-19 vaccine. If you have been vaccinated, you may submit your proof of vaccination to the HRCS.processing@fdny.nyc.gov . If you receive a two (2) dosage COVID-19 vaccine, proof of second dosage is required 45 days from the date of the first dose.
Contact information for inquiries only.

<https://www1.nyc.gov/site/dcas/employment/internship-opportunities.page>