

# 2016 NYC SUMMER INTERNSHIP PROGRAM

**AGENCY NAME**  
**DEPARTMENT OF BUILDINGS**

**DIVISION**  
**Forensic Engineering / Investigative Engineering Services / Enforcement**

**ADDRESS1** 280 Broadway, 4th Floor

**ADDRESS2** New York, NY 10007

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**PHONE**

**FAX**

## **AGENCY DESCRIPTION (Max characters 3000)**

The NYC Department of Buildings is responsible for ensuring the safe and lawful use of buildings and properties by enforcing the NYC Construction Codes, Energy Code and Zoning Resolution. We facilitate compliant development with integrity, efficiency and professionalism. We are committed to becoming a premier municipal building organization, dedicated to enhancing the quality of life for all New Yorkers and making our city safer. We are committed to improving our performance and developing procedures that are streamlined, understandable and transparent.

## **UNIT DESCRIPTION (Max characters 1000 )**

The Forensic Engineering Unit (FEU) provides the highest level of engineering competence. FEU responds in real time to construction related injuries, fatalities, fire damage, egress issues and collapse buildings or buildings in imminent danger of collapse, collapse of cranes or retaining walls or excavations are considered top priority. The Unit services all of Department's emergency response and special engineering needs as well as efforts with the NYC Law Department, NYC Landmarks, NYCHA, NYC Parks Department, OEM, NYPD, FDNY, FBI, and FD Marshals. In addition FEU frequently support agencies including DOI and the NYC Court on request. The Unit enforces the Building Code, Zoning Resolutions, Multiple Dwelling Law, directives, memorandums and Local Laws.

## **POSITION TITLE (Max characters 100)**

Investigative Engineering Intern

## **INTERNSHIP RESPONSIBILITIES (Max characters 1500 )**

Under the direction from a Professional Engineer, the engineering intern will be responsible for the following:

- Participate with on site evaluation of structural faults and cracks and determination of building safety.
- Historic Building research and its application to new building construction or alteration with a concentration on 19th Century buildings.
- Assist in engineering review of structural plans.
- Assist in writing engineering reports.
- Hand drafting of building floor plans and elevations.
- Participate in analysis of structures.
- Review plans and calculations in conjunction with Forensic and Concrete engineers.
- Participate in inspection of unsafe buildings and the demolition of these buildings.

Conduct site surveys using transits, laser levels and tape measures.  
Participate in the inspection of building facades.  
Participate in concrete inspection and parallel testing of concrete structures.  
Provide graphic support to various Investigative Engineering Services presentations.  
Participate in administrative tasks related to our Building Information System.

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

Area of Study: Civil engineering (structural)  
Skills: Excellent communication, verbal and organizational skills; excellent computer skills; familiarity with Microsoft Office  
Undergraduate interns must be currently enrolled in a college or university. Graduate interns must be currently enrolled, or accepted in, a graduate program.

**APPLICATION PROCESS (Max characters 700 )**

Submit your resume and cover letter, indicating the job ID, DOB-005, in the subject line, to [recruit@buildings.nyc.gov](mailto:recruit@buildings.nyc.gov). Only candidates under consideration by the hiring manager will be contacted.

**SALARY RANGE**

Undergrad: \$433.50/week Grad: \$720.50/week

Internship may be used to fulfill college credit requirement

**ADDITIONAL INFORMATION / COMMENTS (Max characters 700 )**

There are two positions available.  
  
If selected, candidates must provide a transcript or enrollment verification statement from their school attesting that they are accepted to or enrolled in an accredited degree program.  
  
Internships are available between May and September for a maximum duration of thirteen (13) weeks. The City of New York is an Equal Opportunity Employer.