

# **DIKSHAT (DK) KUMAR**

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## **EDUCATION**

B.E., Civil Engineering; The City College at City University of New York, Manhattan, New York, USA  
High School; Richmond Hill High School, Queens, New York, USA

**Grad Date: 05/'10**

**Grad Date: 06/'05**

## **CERTIFICATIONS**

- PE Civil Structural (October 2015) – Licensed Professional Engineer in New York and Connecticut
- ATC-45: Trained for buildings evaluations following hurricanes (2018)
- ATC-20: Trained for buildings evaluations following earthquakes (2018)
- ICC S1 Structural Steel & Bolting Special Inspector (2016)
- NSPE – Masonry Special Inspector Course (2016)
- LEED Green Associate (2013)
- 16 hour NYC Suspended Scaffold Training Course Completion certificate (2015)
- OSHA 30 Hour Safety Course for Construction

## **EXPERIENCE**

### **NYC School Construction Authority, Civil Engineer, Building Envelope In-House A&E design 01/18-04/18**

- Prepared Construction documents, Scope reports and New York State Historic Preservation Office reports for Capital Improvement Projects of two New York City Schools.
- Utilized original construction plans, previous repairs record, and structural probe reports to design and draft steel, brick, concrete & masonry replacement and waterproofing details.

### **Bowne AE&T Group, Civil Engineer 04/16-12/17**

- Prepared Civil/Site Engineering plans including Site development, Grading & Drainage Engineering, Erosion Control design, and Zoning subdivisions.
- Collected, analyzed, and coordinated raw data from surveyors into workable Autodesk Civil 3D surface model for use in design of Grading & Drainage plans and Cut & Fill analysis.
- Coordinated and reviewed project information received from in-house design professionals, client representatives, consultants, architects, surveyors, building officials, and other members of the team.
- Designed Storm-water systems per Town, County and State regulations. Storm-water facilities included collection systems, retention ponds, leaching pools and chambers, rain gardens, and open channel systems.

### **Antonucci and Associates Architects and Engineers, Civil/Structural Engineer 06/15-04/16**

- Managed NYC façade restoration (Local Law 11) projects for safety of public and private property.
- Performed Structural probes inspections and investigations and prepared condition assessment reports.
- Analyzed various existing truss and steel systems for Solar Panel installation.

### **Infocus Design & Planning, Civil Engineer & Project Manager 10/13-05/15**

- Designed Structural and Energy plans for various 4-Story Condominium buildings.
- Designed load bearing masonry cavity walls and backflow prevention systems.

### **M.Int'l Engineering (Formally Massand Engineering), Junior Civil Engineer & Project Manager 02/11-06/13**

- Performed onsite Project Management, including payment requisitions, site visit reports, & change order documents for façade and balconies repair at seven (7), 500 units each, residential buildings.
- Performed facade, balconies, and pertinent field inspections and prepared NYC Local Law 11 reports.
- Prepared Structural and zoning Plans per NYCBC & ASCE-7 for 1-3 family homes and small commercial buildings.

**Envirovolution, Win-win Campaign Green Energy Training, Participant (2013)**

**Wexler Associates Structural Engineers, intern (2010)**

**B&B Sheet Metal, AutoCAD intern (2010)**

## **AFFILIATIONS**

- National Engineers FutureCity Middle School Competition, Mentor for Great Neck Middle School, NY (2013-2016)
- National Society of Professional Engineers (NSPE) Queens Chapter, member (2016-2017)
- Structural Engineers Association of New York (SEAoNY), member (2011-2015, 2017)
- ASCE Met Section Forensic Engineering Group, member (2013-2015)
- Society of Indo-American Engineers & Architects (SIAEANY), member (2016)

## **ACADEMIC AFFILIATIONS**

CCNY Concrete Canoe Club, Vice President (2007-2010)

CCNY Entrepreneurship Club

CCNY Steel Bridge Design Team

CCNY Mondialogo Engineering Award Team