

Graduate student pursuing Master's in Construction Engineering with 1-year experience seeking **Full-Time**.

---

## Work History

---

- 2019-05 - **Field Technician Intern**  
2019-08 *ECS Southeast LLP, Raleigh, North Carolina*
- Performed on-site inspection and testing on distinct projects like "Project APEX" a 4-story Amazon warehouse, "Wake-Med hospital" in Cary, "Johnson Lexus and Volvo" in Durham.
  - Prepared daily on-site reports of assigned projects.
  - Carried in-house laboratory testing for concrete and soils.
- 2018-05 - **Summer Intern**  
2018-07 *R And B Design Circle, Gov. Of Gujarat, Ahmedabad, Gujarat*
- Estimated the quantity of materials required for the ongoing project.
  - Rendered various steel structure in STAAD-Pro along with basics of REVIT.
  - Scheduled work done on the real site project, billing approvals and management skills regarding activities to be carried out on daily basis.
- 2017-05 - **Summer Intern**  
2017-06 *R And B Design Circle, Gov. Of Gujarat, Gandhinagar, Gujarat*
- Designed a bridge and all compartments of bridge by the method delivered in I.S. Code.
  - Accounted the various types of load acting on a bridge and the impact on different components and the connections.
  - Inspected the ongoing bridge construction as an assistant project manager and kept track of the daily schedule.

---

## Academic Projects

---

- 2019-08 - **Kappa Alpha Theta Sorority House Project**  
Current
- Preparing a bid proposal using contractual documents and project drawings for Kappa Alpha Theta Fraternity Housing Corporation
  - Estimating Cost using Sage Timberline and calculating quantity of items
  - Developing project schedule using Primavera P6
  - Create cash flow for the project
- 2019-08 - **Willard Street Apartments by Briegan Concrete Constructors**  
Current
- Performing 4D BIM scheduling using Navisworks and Revit to help project team to spot actual vs planned schedule and also helps to break schedule and prepare in short terms.
- 2017-05 - **Design of Bus Terminal Using Software and Composite Material**  
2018-04
- Worked on the lack in amenities, facilities, and the structure of a Bus Terminal
  - Selected an area in Bihar and by use of composite material and aesthetic and economical structure, designed it and considered various loads acting on it for the easy flow and betterment of the public

---

## Certifications

---

- 2019-11 Fundamental Engineering cleared, eligible for E.I.T. license anytime  
2019-02 Construction Manager-In-Training(CMIT) – (CMAA Member)  
2019-05 ATI: Hazardous Materials D.O.T. Training – Portable Nuclear Gauge

# VISHAL SHAH

Graduate Student Construction  
Engineering

## Personal Info

### Address

560 W 183<sup>rd</sup> St  
New York, NY, 10033

### Phone

(919) 527-4757

### E-mail

vshah2@ncsu.edu

## Education

Aug 2018- Dec 2019

**North Carolina State University**

MCE in Construction Engineering

**GPA: (3.62/4.0)**

July 2014- May 2018

**L.D. College of Engineering**

B.E. in Civil Engineering

**GPA: (8.5/10.0)**

## Software

Auto CAD  
Autodesk Revit  
BIM 360  
Navisworks  
Primavera P6  
Sage Timberline  
Microsoft Office  
Microsoft Project

## Relevant Courses

Construction Estimating Planning  
and Control  
Building Information and Modeling  
(BIM)  
Risk and Financial Management  
Material Management  
Legal Aspects of Contracting  
Construction Safety and  
Management  
Lean Construction Concepts and  
Methods