

AMIT SWAMI

answami@ncsu.edu | (919) 803-9712 | www.linkedin.com/in/amit-swami/

EDUCATION

North Carolina State University, Raleigh, North Carolina **Aug 2019 - Dec 2020**

Master of Civil Engineering with concentration in Construction Engineering and Management (GPA:3.75/4.0)

Relevant Courses: Construction Estimating & Planning, Construction Project Management, Building Information Modeling, Lean Construction, Construction Safety Management, Legal Aspects of Contracting.

Veermata Jijabai Technological Institute, Mumbai, India **Aug 2015 - May 2019**

Bachelor of Technology in Civil Engineering with *Distinction Honors* (CGPA: 3.60 / 4.0)

Relevant Courses: Quantity Survey & Estimation, Surveying, Transportation Engineering, Project Appraisal.

EXPERIENCE

Estimator Intern - Concordia Building Company LLC, North Carolina **May - Nov 2020**

- Assisted the company's Chief Estimator with the takeoff process on potential educational, healthcare, residential, and commercial projects using Bluebeam Revu.
- Created estimated averaging a total of \$500,000/week which drove profit margin by team-selling on the company's largest opportunities.
- Request material pricing and quotes from vendors and selecting the best price for the project.
- Review all bid, contract documents, and attend scope review meetings with the estimating team.
- Drafted Shop Drawings using AutoCAD based on project specifications.

Civil Engineer Intern - Mumbai Metropolitan Region Development Authority, Mumbai **June - July 2018**

- Monitored daily construction activities such as foundation, piers, and superstructure with the superintendent.
- Monitored project schedule and assisted project engineer to reduce project constraints' impact on the schedule.
- Maintained daily logs related to labor deployment, site safety inspection, and quantity estimation.

Construction Intern - Rustomjee Urbania, Mumbai **May - June 2017**

- Supervised the various construction activities such as footings, shore piles, column, slab, beam, & swimming pool.
- Coordinated and performed site inspections/ quality inspections for the ongoing activities.
- Documented and updated the drawings, submittals, and RFI's.

ACADEMIC PROJECTS

4D BIM Model – Designing the New Chancellor's Residence at NC State University **Aug 2020 – Present**

- Designing new chancellor's residence of area 8,000 – 10,000 sq. ft. to be LEED Gold certified building.
- Preparing a 3D and 4D model with the help of Revit and Navisworks.
- Developing a baseline schedule for the substructure, superstructure, doors, and light fixtures.

Scheduling & Cost Estimation of Kappa Alpha Theta Sorority House **Aug - Dec 2019**

- Performed scheduling and detailed cost estimation by using Primavera P6 & Timberline to create a bid document.
- Drafted construction schedule network diagrams through data entry into computerized schedules.
- Implemented multiple concepts like estimating material & equipment cost, general conditions, cash flow, and proposed payment schedule.

Constructability Review on HW 19E Roadway Widening Project **Sep - Oct 2019**

- Conducted constructability review using site visit, design documents, and technical specifications.
- Identified various issues in the construction work & suggested potential solutions for the same.

TECHNICAL SKILLS

- Primavera P6, Microsoft Project, Navisworks, Bluebeam Revu, On Screen Takeoff, Sage Timberline, AutoCAD, Synchro Pro, MS Office, Revit, Crystal Ball, QGIS.

LICENCES & CERTIFICATIONS

- LEED Green Associate, Construction Manager-in-Training, Procore Certified: Project Manager (Project Management), Advanced Microsoft Excel.

MEMBERSHIPS & ACTIVITIES

- Student member of ASCE, American Society of Civil Engineers **Jan 2020 - Present**
- Student member of CMAA, Construction Management Association of America **Jan 2020 - Present**
- Volunteered to teach Mathematics to orphans of Shelter Don Bosco Society **Mar - Sep 2018**