

# Shirazum Munira Shachi

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To develop a highly creative and challenging career in competitive environment. To secure an internship position or a job in the Civil Engineering field. Willing to make necessary contribution in the development of the organization by using my knowledge, technical skills and analytical ability.

## EDUCATION

### -The City College of New York

Bachelor of Engineering, Civil Engineering

Expected Graduation: May 2020

## RELEVANT COURSES

Differential Equations, Vector Analysis, Fluid Mechanics, Structural & Site Plan, Data Analysis, Mechanics of Deformable Bodies, Statics, Thermodynamics, Structural Analysis, Transportation Planning, Traffic Engineering

## QUALIFICATIONS

**Software:** Knowledgeable in Microsoft Word, Power Point and Excel, AutoCAD, MATLAB, C++, R Studio, SAP 2000, HCS, VISSIM

**Key Qualities:** Strong communication skills, punctual and follow orders profoundly  
Proficient typing ability, team player, effective communicator, organized, quick learner reliable

**Languages:** Fluent in Bengali, intermediate Spanish

## PROJECTS

**Concrete Canoe Competition (2016-Present):** Participated in hands-on experience with peers at CCNY and Florida Tech to construct a concrete canoe and prepare for competition. Competed against all regional winners at nationals in 2016.

**Design of a Residential Facility (2017):** Worked with a group of peers to evaluate and design a plot of land from conception of completion for a final project. Used AutoCAD to design and draft site plans, framing plans, and various building sections.

## INTERNSHIP

**Data Collection for a Research project (Jan 2018 – May 2018):** Worked as a research intern with University Transportation Center, Region II at The City College of New York. Assisted with in field data collection for Congestion Action Plan in truck deliveries to characterize the frequencies of deliveries of different types of products and different types of businesses, the vehicle types used for these deliveries, and the parking locations and duration of delivery vehicles.

**New York City Department of Transportation (Jun 2018 –Present):** Worked under the supervision of an engineer to layout ADA compliant pedestrian ramps, corners, medians, neck-downs and refuge islands; and learned their construction criteria. Learned sidewalk project management and cost estimation.

## EXPERIENCE

Volunteered in the UTeach program in Florida Institute of Technology (Aug. 2014 – May. 2015)

Mentored a group of high school students in Bangladesh (2011-2013)

## ACTIVITIES

Volunteered to raise fund for the unprivileged children in Bangladesh

Led the community service club in Bangladesh

## AFFILIATIONS

American Society of Civil Engineers Student Chapter (2015-Present)

Society of Women Engineers Student Chapter (2016-Present)

Engineers Without Borders USA Student Chapter (2016-Present)

## HONORS

Dean's list of Florida Institute of Technology (Aug. 2014 – May. 2015)

## AWARDS

Received Bernard Haber scholarship from The City College of New York (January 2019)