

# Iffat Jahan

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## Education

**New York University School of Engineering**, Brooklyn, NY

September 2010-January 2015

*B.S. in Sustainable Urban Environments*

Minor in Construction Management

## Work Experience

**Global Green USA**, New York, NY

July 2013-August 2013

*Intern for Coalition for Resource Recovery*

- Conducted multiple food audits throughout New York City
- Assisted City College in implementing an onsite composting program by collecting data and composing thorough reports regarding their waste management practices.
- Analyzed 1,740 parcels of public land in Youngstown, Ohio using Geographic Information Systems (GIS) to identify four parcels of land that would be suitable for the installation of a public garden.
- Conducted research on the potential for solar energy implementation on New York City hurricane evacuation sites by using ArcGIS to determine how many kilowatts of solar energy could be installed at each site.
- Recommended ten hurricane evacuation sites to the Director for the future installation of solar panels

## Leadership Roles

**Engineers Without Borders: NYU Chapter**, New York, NY

June 2013-Present

*Project Leader*

- Delegating tasks to an engineering team that will create a water waste management system for a rural community in Perquín, El Salvador
- Educating engineers on the importance of sustainable waste management infrastructure
- Managing all aspects of the project including:
  - Reports, planning, and phasing
  - Financing
- Designing a wetland system containing a subsurface horizontal flow using AutoCAD

**Global Fusion**, Brooklyn, NY

September 2011-June 2012

*Co-Founder and Vice President*

- Co-Founded a multicultural club to promote individualism and cultural pride
- Encouraged students to participate and learn about different traditional dances and cultures within the university
- Facilitated dance performances throughout the school year
- Ensured all budgeting and paperwork was completed accurately and efficiently
- Promoted a safe community for students to socialize with each other

**Society of Women Engineers**, Brooklyn, NY

September 2011-December 2011

*Public Relations*

- Organized fundraiser events and promoted awareness to support female participation in engineering careers
- Provided counseling advice and insight to incoming members

**Bomb Disarming Robot (BDR) Project**, Brooklyn, NY

September 2010-December 2010

*Project Leader*

- Built an autonomous prototype robot using Lego Mindstorms that would navigate through a maze.
- Managed the team working on the project and set up the schedule plans.

## Skills

**Technical:** AutoCAD, ArcGIS, Microsoft Office

**Languages:** Bengali