

JOHN OKOGUN, LEED AP BD+C

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NEW YORK, NY - NEW JERSEY - PHILLY, PA

john@goodmoenterprises.com

EDUCATION

M.E., Mechanical Engineering, City College; New York, NY: September 2007

B.A., Physics, Vassar College; Poughkeepsie, NY: May 2000

CERTIFICATIONS

Certificate in HVAC Systems Design; NYU SCPS: December 2013

LEED AP BD+C; Green Building Certification Institute: October 2012

Certificate in Sustainable Design, Construction, and Development; NYU SCPS: December 2010

QUALIFICATIONS

Technical Skills: REVIT, AutoCAD, Hydraulic Calculations, MATLAB/Simulink, Energy Modeling

Relevant Skills: Project management, design, strong communication and problem solving skills

Key Qualities: Leadership, team player, self-motivated, attention to detail, analytical, client focused

EXPERIENCE

Freelance Mechanical Engineer

06/2014 – Present

- HVAC, Plumbing, Fire Protection
- 3D Modeling and 2D Design
- Architectural Drafting, Interior Design

Senior Mechanical Engineer, WASA LLP, New York, NY

07/2013 – 05/2014

- Designed 3D plumbing and fire protection systems for high-rise and commercial buildings.
- Surveyed and created as-built drawings of existing plumbing and fire protection systems
- Analyzed and performed energy cost comparison studies, as well as hydraulic calculations

Senior Mechanical Engineer, DVL Consulting Engineers, Hackensack NJ

08/2007 – 07/2013

- Designed, specified, and drafted piping systems, including domestic water, fuel gas, fire protection, storm water and sanitary systems in commercial buildings specifically NYC Schools.
- Created 3D Models, 2D Plans and riser diagrams
- Prepared deliverables including contract drawings and specifications
- Trouble shoot and problem solved design and building code-compliance related issues.
- Coordinated and met with owners, architects, civil engineers, Department of Buildings, contractors
- Performed Analyses of pressure loss and hydraulic calculations of piping systems, and size pumps

Teaching Assistant, School of Engineering, City College, New York, NY

02/2007 – 06/2007

- Assisted mechanical engineering students with Pro/Engineer, FLUENT and MATLAB problems.

Research Assistant, NOAA-CREST, New York, NY

09/2006 – 06/2007

- Studied the application of unmanned aircraft systems to augment and fulfill the mission of the National Oceanic and Atmospheric Administration - Cooperative Remote Sensing Science and Technology Center (NOAA-CREST) at City College.

Research Assistant, Levich Institute for Physicochemical Hydrodynamics, NY, NY

10/2003-12/2006

- Designed, built, and performed experiments for research on shock waves in granular flows.

HONORS/AFFILIATIONS

Mechanical Engineering Department Special Service Award, City College, NY, NY

May 2007

Mechanical Engineering Department Leadership Award, City College, NY, NY

May 2004