

Ian W. Nelson, EIT

ianwalshnelson@gmail.com

1414 Third Avenue Apt 3A ♦ New York, NY 10028 ♦ (561) 373-9102

ENGINEERING INDUSTRY EXPERIENCE

Civil Engineer – *Dewberry*, New York, NY March 2016 – Present

- Worked extensively on NYCDDC projects both as a designer and as representative during utility coordination
- Managed projects for private utility clients and continually found creative solutions to meet client needs
- Quickly learned and became key contributor to NYCDEP Green Infrastructure projects
- Facilitated interagency coordination for various public and private clients and subcontractors to meet project goals
- Developed fluency in Autodesk suite, including AutoCAD, Civil 3D, and AutoTURN as well as GIS

Purchaser & Cost Estimator – *Triton Construction*, New York, NY April 2013 – July 2014

- Developed full estimates and lead purchasing process for high profile projects
- Demonstrated autonomy in learning new technical skills and completing complex tasks
- Managed subcontracts from financial and technical standpoints

Field Engineer – *Hazen & Sawyer*, New York, NY August 2012 - April 2013

- Responsible process analysis to optimize efficiency at several newly upgraded NYC wastewater treatment plants
- Worked effectively with NYC DEP and other engineering firms

SKILLS

Soft Skills: Growth mindset, strong oral and written communication skills, success in team environments

Technical Skills: Specification writing, software expertise including Microsoft Office, Autodesk, et al.

OTHER PROFESSIONAL EXPERIENCE

Physics & Chemistry Teacher – *KIPP NYC College Prep High School, Bronx*, NY July 2014 – January 2015

- Awarded KIPP Empire Fellowship
- Actively worked to empower economically disadvantaged area through education and social action
- Taught Regents Physics, Regents Chemistry, and Physical Science courses to students with special education needs

EDUCATION

Manhattan College School of Engineering, Riverdale, NY

Master of Science in Civil Engineering

Degree conferred in May 2014

Cumulative GPA: **3.36/4.00**

Honors: Winner of 2011 Mead Essay Contest & Presentation – ASCE Met Section, Deans List, Member of Chi Epsilon

Bachelor of Science in Civil Engineering

Degree conferred in May 2012

Cumulative GPA: **3.32/4.00**

Relay Graduate School of Education, New York, NY

Master of Arts in Teaching (ongoing)

Cumulative GPA: **3.70/4.00**

Honors: Recipient of AmeriCorps Segal Grant, Deans List

Continuing Education:

- Full Stack Web Developer Nanodegree, *Udacity*
- Developing bilingual proficiency in Spanish
- Digital Marketing Nanodegree, *Udacity*

LEADERSHIP EXPERIENCE

Vice President for Social Life – *Manhattan College Student Government*, Riverdale, NY Spring 2011-May 2012

- Managed a \$300,000+ budget to plan events for entire student body
- Gained valuable experiencing leading a team to plan and execute events and programs and represent student interest
- Demonstrated ability to negotiate contracts and deal with many outside businesses as a representative of college

Resident Assistant – *Manhattan College Residence Life*, Riverdale, NY Fall 2010-May 2012

- Supervised a community of over 400 students
- Charged with building a community atmosphere, mentoring students, and ensuring safety

ASCE Vice President – *Manhattan College Chapter*, Riverdale, NY Fall 2010-Spring 2012

- Managed Manhattan College chapter, aided in professional development of members, and orchestrated fundraising
- Winner of 2011 Mead Essay Contest and Presentation – ASCE Met Section