

Esteban Garcia, EIT, ENV SP

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SUMMARY:

Senior civil engineer looking to further develop my analytical and problem solving skills. I have three years of experience in construction project management and six years in site civil engineering design work.

RELATED EXPERIENCE:

Civil Engineer, Ove Arup & Partners, P.C., New York, NY

September 2016-August 2020

- Performed hydrologic analysis to design stormwater drainage systems for commercial, roadway, and highway projects
- Prepared site development, grading, drainage, sediment & erosion control, and work zone traffic control plans for commercial, roadway, and highway projects.
- Performed design reviews of civil projects from other design consultants
- Prepared technical memos, reports, and civil estimates for civil works projects.
- Reviewed submittals, request for information (RFI), and cost estimate during the construction phase of civil projects.

Staff Engineer, Redniss and Mead Inc, Stamford, CT

September 2014-September 2016

- Prepared site development, grading, drainage, and sediment & erosion control plans for municipal, residential, commercial projects.
- Performed hydrologic analysis on properties to produce efficient drainage designs.
- Conducted percolation and hydraulic conductivity test for septic systems and infiltration system designs
- Performed vehicle-turning analysis to produce road designs.
- Coordinated utility layout and design with electric, gas, telephone and cable utility companies.
- Performed weekly sediment and erosion control site inspections for projects.

Project Engineer, Turner Construction Company, New York, NY

June 2011-April 2014

- Engineering responsibilities included management of design document, specifications, purchases, schedules, operational and maintenance manual at closeout.
- Served as a point of contact between the client, subcontractors, design team, and project team.
- Assisted the project engineer with review and approval of request of information (RFIs), submittals, and shop drawings.
- Assisted the project engineer with generating, negotiating, and tracking owner change orders.
- Assisted the project superintendent with tracking and completion of design team and client punch-lists.
- Assisted the project superintendent with preparing project schedules and tracking project milestones along with scheduling work on a daily basis.
- Coordinated the collection and approval of LEED documentation for LEED certification.
- Supervised and tracked the completion of all construction inspections for NYC Department of Building permit closeout.
- Conducted safety orientation meetings with tradesmen to ensure they understood the rules and procedures while working on the construction project.
- Participated in owner design meeting to review design, schematics, and construction documents as they were developed.

EDUCATION:

Manhattan College, Riverdale, NY

Master of Science in Civil Engineering

Graduated May 2018

Rensselaer Polytechnic Institute (RPI), Troy, NY

Bachelor of Science in Civil Engineering

Graduated May 2011

CERTIFICATIONS:

Engineer in Training (EIT) - New York State Department of Education

March 2019

Envision Sustainability Professional

November 2016

AFFILIATIONS:

American Society of Civil Engineers, Engineers Without Borders

COMPUTER SKILLS:

AutoCAD, Civil 3D, Mircostation, Power Inroads, HydroCAD, StormCAD, Storm and Sanitary Analysis, Microsoft Office Suite (Word, Excel, Power Point)

ADDITIONAL LANGUAGES:

Spanish (Bi-lingual)