

Timothy M. O'Donnell, I.E.

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Permanent Address: 17 Burbank Dr. Buffalo, NY 14214

EDUCATION

University at Buffalo, The State University of New York

Bachelor of Science in Civil Engineering

September 2017

CIVIL ENGINEERING WORK EXPERIENCE

Barron and Associates/Buffalo Drilling Company, Clarence, NY

June 2017-present

Junior Geotechnical Engineer

- Wrote geotechnical reports for commercial and residential projects. All reports included a detailed description of subsurface conditions, a summary of laboratory test results, detailed foundation design recommendations, and important geotechnical parameters including allowable bearing capacity, bearing elevation, and seismic site class.
- Planned subsurface investigations and laboratory testing programs for commercial and residential projects. Number of borings, depth of borings, location of borings, and laboratory tests to be run were decided based on nature of project, client's budget, and availability of information on nearby subsurface conditions.
- Conducted foundation bearing grade inspections for commercial and residential projects via visual inspection, hand probing, and pocket penetrometer readings. Consulted project's plans, specifications, and geotechnical report to confirm that foundation bearing grade conditions were consistent with what was anticipated.

Edbauer Construction, West Seneca, NY

May 2016-August 2016

Assistant Project Manager

- Calculated total amount of unclassified excavation as well as total amount of sidewalk and curb installed for projects by taking as-built measurements and using Microsoft Excel.
- Ensured that Edbauer sent all specified product data, shop drawings, calculations, operations & maintenance information, and other relevant documents to project inspectors by combing over each project's specification book.

New York State Department of Transportation, Buffalo, NY

May 2015- August 2015

Transportation Construction Inspector

- Assisted in supervising all construction projects under the "New York Gateway Improvement Project to the US Peace Bridge Plaza, Niagara Expressway I-190, Porter Avenue, Various Ramps and Shoreline Trail in the City of Buffalo", an over \$50 million project.
- Documented pertinent information to the activities I supervised by recording the work performed by sub-contractors, how many people performed said work, and what equipment was utilized. I documented this information by writing "Daily Work Reports" on SiteManager.

TERM PROJECTS

Bridge Site Geotechnical Design

Spring 2017

University at Buffalo, CIE 438 (Advanced Foundation Design & Construction)

Administrative Building Foundation Design

Spring 2017

University at Buffalo, CIE 416 (Geotechnical Civil Capstone)

CERTIFICATIONS

Intern Engineer

January 2018

The University of the State of New York Education Department