

I am looking for a full time position in a Civil engineering environment. I am a quick learner and I work well in groups.

### Education

#### Rensselaer Polytechnic Institute - Anticipated graduation May 2019

- B.S. in Civil Engineering.
  - Concentration in Structural Engineering

### Work Experience

#### Stantec Consulting Inc.-Summer 2018

- Calculated the necessary steel beam size for the roadside sign supports per AISC steel standards.
- Extracted information from original/rehabilitation bridge plans, inspection reports, and load rating reports.
- Performed field inspections to assess, measure, and document bridge conditions.
- Calculated input variables using MathCAD for bridge rating software based on LRFD/LRFR specifications.
- Drafted as built bridges in AutoCAD or Microstation.
- Modeled and load rated CTDOT bridges with AASHTOWare for the DOT.
- Communicated action recommendations to DOT based on load rate calculations.

#### E2 Engineers-Summer 2017

- Modeled new and existing structures with AutoCAD or REVIT, in 2D or 3D, with input from architects and general contractors.
- Updated and reviewed concrete, steel manufacture, and wood frame drawing to ensure compliance.
- Inspected structures on site to establish adherence to drawings and design plans.
- Performed field analysis and measurement of foundation and framing.
- Drafted layouts in AutoCAD or REVIT using field analysis data.
- Effectively communicated and managed schedules to keep principle engineers up to date.

#### Preston Veterans Memorial School - Summer 2016

- Managed carpet cleaning, vacuuming, floor care, trash removal and restroom cleaning for a school with 30+ rooms.
- Monitored building security and safety.
- Mowed and trimmed lawns and shrubbery, using electric trimmers and mowers, and cleared debris from the grounds.

#### New London County Judo - Summer 2014-2015

- Coached basic and advanced techniques while responsible for 8-10 campers.
- Prepared and tested campers for rank test ensuring understanding in both English and Japanese.

#### Ice Hockey Referee - Winter 2012-2014

- USA Hockey Referee certified.

### Relevant Course Work

- |  |                                     |
|--|-------------------------------------|
| • Introduction to Structural Engineering | • Applied Hydrology and Hydraulics  |
| • Steel Design                           | • Civil Engineering Capstone Design |
| • Concrete Design                        | • Construction Management           |

### Skills

- |              |              |
|--------------|--------------|
| • Revit 2017 | • AutoCAD    |
| • Risa 3D    | • AASHTOWare |
| • SAP2000    | • MathCAD    |

### Activities

#### Theta Xi 2015-Present

- Participated in Habitat for Humanity
- Raised over \$500 for men's health and St. Baldrick's Foundation

#### American Society of Civil Engineers 2017-Present

- Active member