

School: 10 Clarkson Avenue
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Permanent: 3 Iron Mine Road
West Stockbridge, MA 01266

Education:

- ❖ **Clarkson University, Potsdam NY** **August 2014-2018**
 - Bachelor of Science, Civil Engineering/Minors in Business/Mathematics
 - Presidential Scholar (All Semesters) **GPA: 3.924/4.0**
- ❖ **Monument Mountain Regional High School (MMRHS), Great Barrington MA** **Fall 2010-Spring 2014**
 - Graduated with honors, Presidential Scholar

Engineering Experience:

- ❖ **Intern, Slate Hill Constructors, Warners NY** **Summer 2017**
 - Created a program to help design cantilevered sheeting walls
 - Performed take-offs for a 26 span bridge on I-80 in Mattydale, NY
 - Assisted in creating rigging plans for a three-sided precast bridge and its wing walls
- ❖ **Intern, MassDOT, Maintenance Office, District 1, Lenox MA** **Summer 2016**
 - Inventoried 400+ culverts using scanned construction plans
 - Geo-referenced blue prints into ArcMAP and added culvert attributes to online ArcGIS Database
 - Assisted in bridge inspections
- ❖ **Intern, Boyd Technologies, Lee MA** **Fall 2013**
 - Redesigned wound care products by converting measurements
 - Utilized Solid Works to design technical drawings for medical dressing
 - Created a pre-order proposal of medical dressings for a distributor, worth \$1M+ to Boyd Technologies
- ❖ **Steel Bridge SPEED Team (Clarkson)** **August 2014-Present**
 - Helped design individual members as well as joints and connections
 - Discussed design constraints
- ❖ **Engineering Design (Clarkson)** **Fall 2015**
 - Employed Solid Works knowledge to design a 24-foot timber bridge in order to protect the ROTC trails
 - Created a Bill of Materials and estimate for the project

Leadership, Teamwork and Athletic Achievement:

- ❖ **CEE Student Advisory Council** **August 2015-Present**
 - Recommend improvements to CEE Department
 - Engaged with the Engineering Accreditation Commission (ABET)
- ❖ **Clarkson Union Board** **August 2014-Present**
 - Treasurer (E-Board Member) **November 2015-Present**
 - Managed two largest budgets on campus (over \$200,000 combined)
 - In charge of payroll for 40+ members
 - Recruitment Chair **Nov 2014-Nov 2015**
- ❖ **Clarkson Lab Assistant/Grader/Homework Help Session** **Fall 2017**
 - Structural Analysis (Lab Assistant, Grader, Homework Help Session)
 - Reinforced Concrete Design (Homework Help Session)
- ❖ **Tau Beta Pi** **Spring 2016-Present**
 - Activities Chair **Spring 2017-Present**
- ❖ **High Dive (Ultimate Frisbee) (Clarkson)** **August 2014-Present**

Work and Volunteer Services:

- ❖ **Clarkson Host Student** **February-May 2015**
- ❖ **Server, Stockbridge Community Grange, Stockbridge MA** **January-June 2013**
 - Managed flow, process, and time for a community dining center
 - Enhanced communication skills by interacting with a variety of clients

Computer Skills

- ❖ **Microsoft Office; AutoCAD; SAP; Solid Works; MATLAB; ArcGIS, ArcMAP**