

## Robert J. Schneider

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### Education:

**Clarkson University**, Potsdam, NY

Expected Graduation May 2023

- *Bachelor of Science in Civil Engineering, GPA 3.72*

**Niskayuna High School**, Niskayuna, NY

June 2019

- *Advanced Regents Diploma, National Honors Society, GPA 4.0*

### Work Experience:

**CMT Technician Intern, Atlantic Testing Laboratories, Albany Division**

May 2020-Present

- Pro-active on job site, ACI Concrete Testing, Soil Compaction Testing, Advised Clients
- Trained on Rebar Special Inspections, Soil Special Inspections, General Testing Knowledge
- Certified in ACI Grade 1, Nuclear Gauge, Lockout/Tagout, Confined Spaces, OSHA 10

**Civil Engineering Intern, Town of Niskayuna Department of Engineering Sewer and Water**

2018-Present

- Performed Outfall, Water Valve, Detention Pond, and Soil Erosion Inspections
- Easement, Storm Water and Hydrant Mapping using ArcGIS and Trimbles
- Developed a manual/route plan which improved inspections by covering three times as many outfall locations than previous years
- Trusted to teach several new interns the skills for the job
- Organized building permits, legal documents, submittals, SWPPP reports and site plans
- Involved in state grant proposal applications
- Assisted engineers in the reviewal of site plans

**Job Shadow, Clough Harbor Associates Consulting Engineering Firm**

2018-2019

- Participated in office space, meetings, project kick-offs, and lunch-ins
- Instructed in Revit & Civil 3D programs

**Member, Union College Science Technology Entry Program**

2014-2019

- Attended workshop presentations on latest STEM technologies
- Presented summer-long research projects on solar panels, bacteria, fast food, and sunscreen

**Student, Advanced Manufacturing Research and Design**

2018-2019

- Created an achilles tendon stretching device over the course of senior year
- Led team in design, manufacturing and professional communication

**Club Treasurer, Head Builder, Rocketry Club (Team America Rocketry Challenge)**

2015-2019

- Managed club budget, fundraisers, launches, social media

### Volunteer Experience:

❖ *Member*, Clarkson University Outing Club, Timber Bridge, Trail Maintenance  
2019-Present

❖ *Usher*, Schenectady Light Opera Company

2018-Present

❖ *Coach*, Schenectady Jewish Community Center Casper Wells Baseball Camp

Summer 2018

❖ *Operations Manager*, Niskayuna High School Recycling Club

2015-2019

### Activities:

❖ Clarkson University Concrete Canoe Team, Captain, Co-Captain

2019-Present

❖ President's Challenge, Second Place Winner, Sidewalk Improvement Study

2019-Present

❖ American Society of Civil Engineers, Member #000011944501

2019-Present

❖ Society of Asian American Scientists and Engineers, Member

2019-Present

❖ Varsity Baseball, Scholar Athlete Award, Yoga, Weightlifting, Niskayuna High School

2016-2019

### Awards:

❖ SAME Fort Drum Scholarship

❖ American General Contractors Foundation New York Scholarship