

# Samantha L. Cachoian

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## **SUMMARY:**

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Civil Engineer with two (2) years experience in transportation and streetscape projects in the New York City area. Experienced with street design, grading and cost estimations. Familiar with all stages of a project from concept to sending out for bid.

## **EXPERIENCE:**

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### **NV5 - Assistant Civil Engineer - New York, NY**

**June 2018 - Present**

- Prepare and assist with designing drawings including construction, grading, street lighting, utility, erosion and sediment control, signal design, maintenance and protection of traffic and pavement marking plans.
- Prepare technical and project specifications, estimates and bid documents.
- Assist with designing details according to standard specifications.
- Assist with managing submittals to ensure correct specifications, products and materials are being used.
- Prepare community board presentations and prepare meeting minutes.
- Perform field visits including survey checks, measurements and gathering photos for reports.
- Utilize AutoCAD and Civil 3D to prepare plans.
- Knowledgeable with the NYC Department of Transportation (NYCDOT) design specifications and details.
- Coordinate directly with clients primarily for the NYC Department of Design and Construction (NYCDDC).
- Work closely with senior project managers and multiple disciplinary groups such as structural engineers, environmental engineers and landscape architects.

### **WSP - Transportation Engineer Intern - Briarcliff Manor, NY**

**Summer 2017**

- Assisted in preparation of design, calculations, and sketches for open road tolling on the RFK Bridge for the Triborough Bridge and Tunnel Authority (TBTA).
- Utilized Microstation to prepare plans.
- Organized and monitored project documents on ProjectWise software.
- Attended weekly meetings on projects and updates within the company.
- Worked under direct supervision of a professional engineer (PE).

### **Manhattan College - Receptionist - Riverdale, NY**

**Fall 2016 - Spring 2018**

- Served as first point of contact for students, faculty and staff for the Center for Career Development.
- Handled media, job board postings and public relations inquiries.
- Helped coordinate college's career fairs.

## **EDUCATION:**

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### **Manhattan College - Riverdale, NY**

**May 2018**

Bachelor of Science in Civil Engineering  
Minor: Environmental Engineering

### **SUNY Westchester Community College - Valhalla, NY**

**May 2015**

Associate of Science with Math and Science Concentration

## **SKILLS AND ABILITIES:**

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AutoCAD/ Civil 3D  
AutoCAD AutoTurn  
Blue Beam  
MS Office Suite