

Shenoah Williams

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EDUCATION

New York University, Tandon School of Engineering
Civil Engineering Major, Environmental Engineering minor
GPA:3.803

Class of 2024

WORK EXPERIENCE

Stantec Consulting, New York City, NY

Civil Engineering Intern- Water

May 2022-Present

- Reviewed and edited 70 topography, utility, and elevation profile surveys and 131-page design set for 60% and 90% design submission using AutoCAD and Civil 3D for a green infrastructure porous pavement project in Brooklyn, NY
- Reviewed CIPP lining CCTV, combined sewer system reports, and assigned pipe IDs for storm-sewer separation projects in Brooklyn, Somerville, and Boston
- Update, compile, and review invoices, bid addendums, and monthly progress reports for multiple projects

New York University, New York City, NY

Intro to Engineering and Design Teacher Assistant & Payroll deputy

Aug 2021-Present

- Manage timesheets and tax forms in collaboration with NYU to ensure the 100 teaching assistants are properly compensated
- Communicate with students and answer questions about their semester-long design projects using software and parts like Revit, Microsoft Office, Arduino, and Fusion360 in an open lab setting.

City of Cottonwood, Cottonwood, AZ

Intern to the Mayor of Cottonwood

Aug 2019-March 2020(Covid)

- Developed a free educational rental Backpack program at local public library that allowed free access to local state parks as well as scheduled public activities, meetings
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RESEARCH EXPERIENCE

New York University

Smart Cities Integrated Project

August 2021-May 2022

- Promote urban environmental justice by researching and developing new technologies as well as identifying existing issues through the use of data collection and analysis
- Energy team: Designing and prototyping a bladeless wind turbine

Solar Powered Media Integrated Project

Feb 2021-June 2021

- Designing and deploying solar-powered internet servers and investigating the environmental impacts of online media content and web design
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SKILLS

AutoCAD, Civil 3D, Adobe Acrobat, Microsoft Office, Revit, and BlueBeam. Beginner: Tableau, Fusion360, ArcGIS Pro, HEC-RAS, and Python.

CLUBS

ASCE, National Society of Black Engineers, Society of Women Engineers, New York Water Environmental Association

HONORS

NYU Tandon Deans list

2020/2021 & 2021/2022

Tandon merit Scholarship recipient

Fall2020-Spring2024

Northern Arizona Foundation merit scholarship

2020-2022