Kevin Cardenas

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Objective

To enter the work field focusing on the area of wastewater and/or stormwater engineering after obtaining a B.S. in Civil Engineering with a concentration in Water Resources.

Education

Columbia University, New York, NY — September 2021 – Present
- Bachelor of Science in Civil Engineering — Expected Graduation – May 2023
- Concentration in Water/Environmental

Relevant Coursework:
- Construction Management (Fall 2021)
- Fluid Mechanics (Fall 2021)
- Structural Design (Spring 2022)
- Hydrosystems Engineering (Spring 2022)
- Computer Aided Structural Design (Spring 2022)
- Planning Urban Hydrologic Systems (Fall 2022)
- Solid Waste Management (Fall 2022)
- Management of Water Systems (Fall 2022)
- Geotechnical Engineering (Fall 2022)
- Sustainable Water Treatment/Reuse (Spring 2023)
- GIS for Environmental Engineering (Spring 2023)
- Design Projects (Spring 2023)

CUNY Queens College, Flushing, NY — January 2018 – Present
- Bachelor of Arts in Computer Science — Expected Graduation – May 2023
- Minor in Mathematics
- Minor in Environmental Science

Work Experience

College Aide — June 2022 – Present
NYC DEP – Bureau of Wastewater Treatment — Rego Park, NY
- Assisted engineers in developing a project involving data analysis and data visualization in Power BI
- Conducted research on PFAS removal technologies and their applicability to NYC
- Visited wastewater resource recovery facilities to assess progress on various projects
- Assisted in design of chlorination systems at multiple wastewater resource recovery facilities
- Aided in the development of AutoCAD design documents for piping redesigns

Intern Tutor — September 2019 – December 2019
CUNY Tutor Corps — Flushing, NY
- Aid middle school students' understanding of algebra topics in preparation for in-class exams and the NYS Regents Exam
- Assisted teacher in classroom with daily tasks to maintain efficient use of class time
- Attended professional developments to learn strategies that enhance student learning

Activities

Residence Hall Council — September 2021 – May 2022
Carlton Arms – Vice President of Sustainability

QC Game Development Club — February 2019 – May 2021
Founding Member, Secretary

Skills

Technical Skills:
AutoCAD, Python, Microsoft Suite, Power BI, GIS