

Kevin Cardenas

Civil Engineer

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☎ 914-382-8621

📍 New York, NY (Willing to Relocate) [in linkedin.com/in/kevcardenas/](https://www.linkedin.com/in/kevcardenas/)

Recent Civil Engineering Graduate with internship experience and coursework related to water and wastewater projects. Particularly interested in the development, design, and optimization of treatment systems, and enthusiastic about making improvements to provide equitable solutions to all communities.

EXPERIENCE

College Aide

New York City Department of Environmental Protection

Rego Park, NY

June 2022 – April 2023

Internship in the Bureau of Wastewater Treatment at NYC DEP consisting of collaborating with engineers in the Process Research and Optimization group as well as the Office of Special Projects

Tasks Accomplished:

- Assisted engineers in developing state mandated reports involving data analysis and data visualizations in Microsoft's Power BI
- Conducted research on PFAS as an emerging contaminant of concern and its impact to NYC's wastewater system
- Visited wastewater resource recovery facilities to assess progress on various ongoing projects
- Assisted in design of disinfection systems upgrades at multiple wastewater resource recovery facilities
- Aided in the development of CAD drawings for piping redesigns using Autodesk's AutoCAD

Intern Tutor

CUNY Tutor Corps

Flushing, NY

September 2019 – December 2019

Internship through City University of New York (CUNY) consisting of reporting to a designated Middle School to assist instructors with math skills development

Tasks Accomplished:

- Aided students to understand various algebra topics in preparation for in-class exams as well as the NYS Regents Exams
- Assisted teacher in classroom with daily tasks to maintain efficient use of class time
- Attended professional development sessions to learn strategies that enhance student learning

EDUCATION

Columbia University

Bachelor of Science in Civil Engineering

New York, NY

Expected Graduation – May 2023

Concentration in Water Resources/Environmental Engineering

Relevant Coursework:

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

CUNY Queens College

Bachelor of Arts in Computer Science

Flushing, NY

Expected Graduation – May 2023

Minor in Mathematics

Minor in Environmental Science

TECHNICAL SKILLS

AutoCAD, Python, Microsoft Suite, Power BI, GIS