

# Kevin Cardenas

Civil Engineer, EIT

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📍 San Francisco (Relocating to NYC)

🌐 [linkedin.com/in/kevcardenas/](https://www.linkedin.com/in/kevcardenas/)

Civil Engineer with experience in water, wastewater, and environmental remediation projects. Passionate about contributing to social good for communities to establish resilience and adaptability.

## EXPERIENCE

### ***Design Engineer***

San Francisco, CA

#### **Sherwood Design Engineers**

March 2025 – Present

Design engineer preparing calculations, reports, and design drawings for water/wastewater engineering projects.

##### *Tasks Accomplished:*

- Developed design documentation for water and wastewater projects of various size and scope, including design plan sets and technical specifications.
- Performed construction administration tasks including review of contractor submittal documents, responding to contractor requests for information, and documenting design changes.
- Prepared and contributed to engineering reports to regulatory agencies. Reports communicated goals, assumptions, and anticipated results of design varying in complexity with project intent.
- Performed quality control measures on calculations, design drawings, and report text for various projects.

### ***Environmental Remediation Engineer***

Oakland, CA

#### **WSP USA**

September 2023 – February 2025

Engineer in the field of environmental remediation conducting field and office tasks for various projects.

##### *Tasks Accomplished:*

- Continuous role in a soil vapor extraction system project, aiding in design, procurement, submittal review, permit acquisition, construction oversight, and development of an operation, monitoring, and maintenance plan.
- Conducted operation, monitoring, and maintenance activities for a groundwater extraction and treatment system, including inspections of system components and sampling to monitor contaminant concentrations.
- Contributed to the design of a soil excavation project, including the development of computer aided design drawings and technical specifications.
- Managed coordination of sampling events, analysis of lab data, and preparation of reports to regulatory agencies.

### ***College Aide***

Queens, NY

#### **New York City Department of Environmental Protection**

September 2019 – December 2019

Internship in the Bureau of Wastewater Treatment consisting of collaborating with engineers as part of the Process Research and Optimization team, and the Office of Special Projects team

##### *Tasks Accomplished:*

- Conducted research on PFAS as an emerging contaminant of concern and its impact to NYC's wastewater treatment process.
- Assisted in design of disinfection system upgrades at multiple wastewater resource recovery facilities.
- Aided in the development of CAD drawings for piping designs using Autodesk's AutoCAD.

## EDUCATION

### **Columbia University**

New York, NY

Bachelor of Science in Civil Engineering

2021 – 2023

*Concentration in Water Resources/Environmental Engineering*

### **CUNY Queens College**

Queens, NY

Bachelor of Arts in Computer Science

2018 – 2021

*Minor in Mathematics*

*Minor in Environmental Science*

## TECHNICAL SKILLS

AutoCAD, Bluebeam Revu, Civil3D, Google Suite, Microsoft Suite, Python