

William Matthew Cornejo

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EDUCATION

Hunter College

Master of Science in Geographic Information Systems (GIS)

New York, NY

Aug. 2023 - Dec. 2025

Binghamton University

Bachelor of Science in Computer Science

Vestal, NY

Aug. 2018 - May 2022

EXPERIENCE

GIS QA/QC Specialist

Oct. 2025 - Present

Con Edison, via Nexus Staffing

- Collaborate with cross-functional teams to migrate spatial utility asset data to ArcFM, ensuring data integrity through QA/QC processes
- Conduct comprehensive QA/QC of spatial and attribute data to ensure completeness, accuracy, and schema compliance across multiple utility layers
- Track and document errors using Excel-based QA logs, coordinating with eGIS team members to resolve discrepancies and maintain data integrity

Geospatial Data Scientist (Intern)

Aug. 2024 – Present

National Renewable Energy Laboratory

- Support wind and solar energy delivery systems across 15+ states, contributing to \$2.4B in renewable energy infrastructure projects
- Led data optimization initiative to support project tracking and resource reporting across renewable energy infrastructure projects in 15+ states
- Process 50+ geospatial datasets using Python and GDAL on high-performance computing resources for large-scale geospatial analysis

Park Management & GIS Intern

July 2023 - June 2024

NYC Parks and Recreation

- Applied GIS analysis and mapping applications to solve city infrastructure challenges across 300+ acres of NYC parks
- Digitized 40+ storm drain locations across Northern Manhattan
- Led volunteer teams of 100+ individuals in park restoration and replanting initiatives

TECHNICAL SKILLS

Programming & Data Science: Python (pandas, NumPy), R, SQL

Geospatial Analysis: GDAL, Rasterio, GeoPandas, ArcGIS Pro, QGIS, ArcGIS Online

Languages: English (native), Spanish (fluent)

PUBLICATIONS

Author of “Object-Oriented Programming in GIS Applications”

May 2025

<https://gistbok-topics.ucgis.org/PD-01-021>