

Work Experience

Adjunct Lecturer – CIS Department, Borough of Manhattan Community College

New York, New York, January 2023 – Present

- Teaching introductory GIS course

Coordinator – Maps & Records Department, National Grid

Brooklyn, New York, June 2022 - Present

- Adhere to Public Service Commission gas pipeline & transmission standards to uphold safety and reliability compliance during the replacement of aging infrastructure.
- Develop relationships with key internal and external groups, providing technical guidance and support.
- Assist in performance excellence. ensuring the department is meeting requisite goals and KPI metrics, identifying concerns and causes of deficiencies.
- Assist in the direction and implementation of improvement opportunities for National Grid's GIS maps and processes.
- Lead training, monitoring & development of personnel & projects.
- Assign and QC work to be completed with attention to detail.

Drafting Technician – Maps & Records Department, National Grid

Brooklyn, New York, August 2019- June 2022

- Assisted with the development and maintenance of National Grid's GIS map.
- Completed work on time with attention to detail.
- Performed a variety of data analytical tasks to maintain the connectivity and structural integrity of the mapped network.

Graduate Intern- Capital District Transportation Committee

Albany, New York, August 2018- December 2018

- Performed data analysis for GEIS forecasted Transportation Demand Models and mitigation cost for planned airport renovation.
- Prepared compelling maps using ArcGIS.

GIS/Data Governance Intern- NYSERDA

Albany, New York, June 2018- August 2018

- Worked on various site selection projects for the NY SUN solar program.
- Performed geoprocessing & created visual data analysis for NY SUN

Software Proficiency

- ArcGIS Pro, ArcMap, Q-GIS, NRG, AutoCAD, ENVI, Fusion, Google Earth Engine, Transims, PTV Vissim, Fragstats, R, Python, SQL, JavaScript
- Microsoft Office Suite, Power Bi, JIRA, Tableau, IBM SPSS, QuickBooks, Adobe Photoshop/InDesign, SketchUp

Education

- Advanced Certificate, Business of Energy, Clarkson University
- Master of Urban & Regional Planning, The University at Albany
- Master of Geographic Information Science, The University at Albany
- Bachelor of Arts, The University at Albany

Certifications

- Lean Six Sigma Green Belt
- Lean Six Sigma Black Belt

