

# Tarik Anwar – GIS/Data Analyst

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## EXPERIENCE

- CBRE | Americas Consulting | Location Intelligence (Acquisition)** Raleigh, NC  
*GIS Technician II* Jan 2024 - Current
- Manage all GIS requests coming from the Tampa, Raleigh, and Greensboro markets, while also providing additional support for other regions in the U.S. as part of a 65+ person team.
  - Provide meaningful site selection consultation for clients through analytical dashboards, mass mobile data reports, storymap presentations, web applications, and static maps.
  - Mentor less experienced GIS professionals and perform QA/QC of deliverables.
- CBRE | Raleigh & CBRE | Triad (Affiliate)** Raleigh, NC  
*GIS Technician II (Primary Analyst/Department Head)* Mar - Dec 2023 (10 months)
- Took over the leadership role of being the single point of contact for all GIS requests coming from the Raleigh and Greensboro offices.
  - Increased the annual production of map-based deliverables from 96 requests to 146 by presenting GIS capabilities to 50+ clients and implementing automation initiatives.
  - Discovered areas for improvement and optimization by producing detailed quarterly reports.
  - Designed a self-service web application for the entire organization to expedite data exports and restructured local databases for more efficient data management.
- GIS Technician I* Feb 2022 - Mar 2023 (1 year, 1 month)
- Played a pivotal role in helping sales professionals win new businesses by providing commute studies, multivariate demographic heat maps, and statewide parcel searches as part of a two-person team.
  - Overhauled the aesthetic and functionality of web apps to provide a superior user experience.
- Ingenium Professional Services, Inc** Oak Ridge National Lab  
*GIS Research Assistant for Remote Sensing & GeoAI Groups* Jan 2020 - Feb 2022 (2 years)
- Significantly improved a satellite imagery object detection algorithm by meticulously digitizing buildings and roads from all over the world with a 12-person team.
  - Composed a python script that reduced project workflow time by automatically generating digitizing ready shapefiles with specific names.
  - Led manual QA/QC of hundreds of vectors and raster training data.
- City of Knoxville's Office of Sustainability** Knoxville, TN  
*Outreach Coordinator/CAC AmeriCorps Member* Jan - Dec 2019 (1 year)
- Performed data entry, quality assurance, and analysis using SQL on municipal utility data for 120 sites with 70,000+ records in total.
  - Created 2 maps for city officials displaying areas of high electric scooter activity around the city during pilot month for targeted safety outreach purposes.
  - Trained and managed 2 interns on a variety of projects.
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## SKILLS

**Software:** Microsoft Office Suite, Tableau, PowerBI, Github/GIT, Adobe Suite.  
**GIS:** ArcGIS Pro, QGIS, Business Analyst, Spatial Analyst, AGOL (Dashboards, WebApps, Storymaps, Survey123).  
**Coding:** Python, SQL, HTML, CSS, Javascript, APIs.  
**Databases:** Access, PostgreSQL, PostGIS, MySQL.

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## EDUCATION

**Bachelor of Science: Ecology and Evolutionary Biology** Tulane University, New Orleans, LA  
**Minor: Public Health** Aug 2014 - May 2018