

Geospatial Analyst

INCUMBENT:

REPORTS TO: VP Data Strategy and Technical Services

LOCATION: Remote

STATUS: Full-time, Exempt

DATE: September 15, 2026



DESCRIPTION

The Geospatial Analyst works independently and as part of a team to manage geospatial data, perform spatial analyses and automate processes and workflows related to broadband access, adoption, and use. The Geospatial Analyst works extensively with broadband-related, environmental, and demographic information to provide data management, analytical, interactive map, and data visualization solutions for CN's internal and external stakeholders. The Geospatial Analyst supports geospatial databases and data warehouses to manage internal and project data. The Geospatial Analyst develops scripts and workflow automations to optimize data processing, management, and analysis.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Develop hardcopy and interactive geospatial and mapping products through the development and analysis of data using the software tools and resources provided by Connected Nation.
- Develop and maintain custom geospatial applications and interactive mapping solutions.
- Develop and maintain databases and automation scripts for processing and loading data.
- Perform location-based data processing, including but not limited to geocoding, digitizing, data editing and aggregation, table creation, data conversion, and georeferencing.
- Analyze, calculate, and compile statistics from spatial analysis by geographic area to assist in qualitative and quantitative decision making.
- Collaborate and coordinate with Geospatial team for efficiency and effective product creations.
- Keep pace with geospatial technology advances and innovations through training and conference opportunities.
- Responsibilities are not all inclusive, additional duties may be assigned.

EDUCATION/EXPERIENCE

- Bachelor's degree in GIS, geography, geology, planning, or related scientific field required with emphasis on GIS preferred.
- Three years' minimum work experience in GIS required.

QUALIFICATIONS

- Hands-on experience with Esri's ArcGIS suite of products including ArcGIS Pro, ArcGIS Online, Experience Builder, Field Maps and Story Maps.
- Python scripting and SQL proficiency.

- Geodatabase and cloud-based data warehousing (e.g., Google BigQuery, Snowflake) experience.
- Must be proficient in Microsoft Office Suite, especially Microsoft Excel.
- Cultivates strong and collaborative working relationships with staff, while having the ability to handle sensitive and confidential datasets.
- Must be able to communicate effectively with all levels of staff.
- Strong analytical, organizational and communication skills.
- Must be able to work independently and under pressure in a fast-paced environment.
- An extremely organized, disciplined, self-directed, hands-on, and process-oriented individual who is not afraid of digging into details when necessary.
- Ability to manage and prioritize multiple tasks.
- Strong work ethic and unquestioned personal and professional integrity.
- High level of commitment to team and company values.
- Attention to detail, establishing priorities and meeting deadlines.
- Willing to travel as needed.
- Valid state driver's license required.

ESSENTIAL PHYSICAL REQUIREMENTS

- Ability to sit at a desk for one or more hours at a time.
- Ability to lift and carry up to 10 lbs.
- Ability to operate computer and equipment in the office.
- Must have sufficient mobility to move around the office and the community.

This job description is intended to describe the general nature and level of work performed by employees in this position. It is not intended to be an exhaustive list of all duties, responsibilities, qualifications, or working conditions associated with the position. Duties and responsibilities may be changed, added, or removed as organizational needs require, consistent with applicable law.

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This job description does not create an employment contract, express or implied, or guarantee employment for any specific period. Nothing in this document alters the terms and conditions of employment or any applicable employment-at-will relationship, except as otherwise provided by applicable law or an express written agreement.

TO APPLY:

- Submit your resume by email to hr@connectednation.org
- Include the position title, Geospatial Analyst, in the subject line.
- Applications will be reviewed as they are received.