

The Intelligence Group has an opportunity for a Staff GIS Technician who is interested in joining our spatial analysis/data visualization team. The position is located in our Syracuse, NY office. The ideal candidate has experience using ESRI's ArcGIS software and extensions and is looking to pursue or advance their career as a geographic information systems analyst. The applicant will have the primary responsibility of analyzing spatial data and presenting the results in maps, figures, graphs, and poster layouts. Secondary responsibilities include developing and maintaining analytical databases as well as extracting data from analytical databases using complex queries.

The Intelligence Group is routinely engaged in large-scale remedial investigation activities, focused on the areas of contaminant source identification, site and industry archaeology, environmental forensics, and the characterization and remediation of contaminated sediments and upland sites.

Please e-mail your resume to resumes@intell-group.com.

Sample tasks the applicant will undertake include:

- Georeferencing historical aerial imagery and planimetric maps and digitizing relevant features from the georeferenced images
- Utilizing coordinate geometry tools to delineate areas from historic survey descriptions
- Converting spatial data from AutoCAD to ArcGIS and ArcGIS to AutoCAD
- Analyzing spatial data using geoprocessing tools, data interpolation methods, and geostatistical tools
- Creating planimetric maps, univariate choropleth maps, bivariate choropleth maps, and isopleth maps
- Developing and maintaining databases using Microsoft Access or EQuIS
- Extracting data from Microsoft Access or EQuIS databases using queries or forms

Required Qualifications:

- Bachelor's Degree in engineering, environmental science, landscape architecture, geology, geography, or other related field
- 0-3 years of experience with ESRI's ArcGIS for Desktop software including its extensions
- A high degree of comfort with geographic data management, vector feature creation and editing, geoprocessing using ArcToolbox and Model Builder, raster manipulation and analysis, and georeferencing imagery and digitizing data

Preferred Skills:

- Extensive understanding of geospatial data types
- Programming experience applicable to GIS and AutoCAD (Python, VBA, java, etc.)
- Familiarity designing, managing, and manipulating databases
- Experience managing data using EQuIS and Microsoft Access
- Basic understanding of statistics and statistics-related software applications (R, SigmaPlot, Minitab)
- Ability to work in a team environment
- Strong organizational skills
- Ability to handle multiple projects simultaneously under tight deadlines
- Strong initiative and the capability to perform with little supervision