



## GIS Specialist

Benton & Associates, Inc. (B&A) is a consulting engineering and land surveying firm of 40+ employees serving public and private clients throughout Illinois, Missouri, and the greater Midwest. After 50+ years in business, our employee-owned firm is looking to its future by recruiting both recent graduates and experienced professionals of a variety of backgrounds and skill sets.

B&A is seeking a candidate to fill a **full-time GIS Specialist** position. The ideal candidate will have the ability to lead our technical staff in developing maps, data, and other in-house deliverables as well as maintain our vast collection of local and cloud-based datasets while using their creative abilities to deliver interesting and functional web applications for our designers and clients.

## Responsibilities

- Analyzing spatial data using mapping software (primarily ESRI products and Diamond Maps).
- Discovering patterns and trends through spatial mapping of data.
- Designing digital maps with geographic data and other data sources.
- Producing cartographically pleasing maps with various data types (utilities, roadway improvements, drainage areas, contours, cadastral linework, etc.).
- Developing web mapping applications and tools using ESRI products and Diamond Maps (non-coding).
- Converting physical maps into a digital form for computer usage.
- Performing data munging and cleaning to convert data into its desired form.
- Produce reports on geographic data utilizing data visualizations.
- Managing a digital library of geographic maps in various file types.
- Developing internal processes for project database visualization and organization.

## Minimum Qualifications

- Associates Degree and/or Certification in Geospatial Technology, Geography, Surveying, Engineering or related field.
- Experience with desktop mapping tools such as ArcGIS Pro and ArcMap.
- Experience with cloud-based mapping tools such as ArcGIS Online and Field Maps/Collector.
- Experience with GPS and/or measuring tools.
- Experience with SQL and database querying.
- Strong understanding of engineering-related geospatial concepts (coordinate systems, map projections, Mapping vs. Survey grade accuracy).
- Analytical mindset.
- Attention to detail and good problem-solving skills.

- Excellent written and verbal communication.
- Good interpersonal skills.

### **Ideal Qualifications**

- Bachelor's Degree Computer Science, Geography, Surveying, Engineering or related field with an emphasis in Geospatial Technologies.
- Experience with Municipal, Water/Wastewater and/or Transportation Engineering Industry
- Familiarity with other engineering CAD software (Bentley and/or Autodesk Products)
- Basic Python and/or ArcPy programming experience
- Familiarity with Open-Source GIS Tools (i.e. QGIS, OpenLayers, Geoserver)

Benton & Associates, Inc. strives to offer competitive salaries and performance incentives. Standard benefits for full-time employment include health and life insurance, flexible spending and health savings accounts, generous 401k retirement, professional development and training and flexible work scheduling. B&A's leadership recognizes the value each team member has in the firm's success and they aim to provide as much financial recognition to those contributions as possible.

Benton & Associates, Inc. is an equal opportunity employer. We are strongly committed to the recruitment, selection development, and promotion of all employees on individual merit. We continually seek to build and maintain a workforce that reflects the rich diversity of the population we serve. Our practice is to strive to provide equal employment, training, education, mentoring and advancement to all employees without regard to race, color, religion, gender, national origin, age, or disability. You are welcome to submit your resume at any time for consideration.

Resumes and applications may be submitted

**by mail to:**

Reginald Benton, PE  
Benton & Associates, Inc.  
1970 West Lafayette Avenue  
Jacksonville, Illinois 62650

**or by email to:**

[info@bentonassociates.com](mailto:info@bentonassociates.com)