



Position Description

Job Title: GIS Analyst Intern

Reports to: Director of Strategy

Location: Nashville, TN (Hybrid/Remote Options)

Compensation: Hourly (Experience based)

Supervises: N/A

Start Date: TBD

Position Summary:

AgriCapture, a company that helps farmers increase profitability and value of their land through sustainable land management practices while simultaneously advancing agriculture in becoming a natural solution to climate change, is seeking an intern with GIS knowledge and experience to join our rapidly growing team. AgriCapture is an early-stage startup, and the analyst will play a key role in supporting day-to-day data management and enabling AgriCapture to grow its business.

AgriCapture is seeking a highly self-motivated individual to work closely with the team to assist with GIS spatial rendering development of data aligned with company goals. Given the size of the AgriCapture team, this position will work within several GIS and data management functions, including receiving and cleaning raw data, developing spatial renderings, program GIS application, and identifying alternative data structure solutions. The GIS Analyst intern must be an organized multitasker able to handle many diverse projects at once and meet tight deadlines. This will be a dynamic, fast-paced position providing a unique opportunity to immediately be a part of a growing company that is poised to have a positive environmental impact.

Objectives of the Role

- Identify and analyze resource input/output data
- Assist in the collection/cleaning of data points from source files
- Assisting in the development of common data architecture and tools for the efficient collation, use of and dissemination of data
- Coding/scripting/creating specific tools into a GIS application
- Develop visually appealing data/geospatial demonstrations for project/marketing purposes
- Develop and maintain database across various projects

Responsibilities

- Create shapefiles to merge topographical data with external data
- Understand and manipulate data to create visualizations with actionable insights for internal and external consumption
- Collect and analyze data to help make informed decisions for the project, business, and marketing development
- Collaborate cross-functionally to balance and prioritize competing demands to create the highest overall value
- Provide support with technical writing and editing as required

Skills and Qualifications

- BS or higher in a technical field, such as computer science, GIS, agronomy, and/or a business degree and relevant industry experience
- Experience with GIS applications
- Experience with SQL servers and data management
- Experience with programming languages
- Experience with data modeling and warehouse architecture.
- Proficiency with visualization frameworks
- Ability to work with diverse stakeholders to translate ambiguity into clear project requirements

Preferred Qualifications

- Past work experience as a GIS analyst or similar role
- Knowledge of agriculture, soil science, carbon markets
- Python, Esri ArcGIS, SQL Server
- Use of Excel, data analysis, statistics, database development

Physical Demands and Work Environment:

The physical demands and work environment characteristics described here represent those that must be met by an employee to successfully perform the essential functions and responsibilities of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Physical demands: While performing the duties of this job the employee will be required to walk; sit; use hands; use fingers; handle or feel objects, tools, or controls; reach with hands and arms; balance; stoop; talk and hear. Employees must occasionally lift and move up to 15 pounds. Specific vision abilities required by the job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust/focus. Specific hearing abilities required by the job include the ability to hear and interpret words communicated over the telephone.
- Work environment: While performing the duties of this job the employee may be exposed to weather conditions prevalent at the time. The noise level in the work environment is normally low moderate.

Performance Standards:

- Annual performance review including goals and objectives.

AgriCapture is committed to creating a diverse environment and is proud to be an equal opportunity employer. AgriCapture recruits employs, trains, compensates, and promotes regardless of race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.

Please send a cover letter and resume to info@agricapture.com.