Position: Transportation Data Scientist

Job Description:

Primary Responsibilities:
- Develops statistical analyses and visualizations of data for transportation applications.
- Problem-solving and thinking laterally as part of a team, or individually, to meet the needs of the project.
- Provides expertise in project design, model development, validation, and implementation/specification.
- Develops data quality analyses, optimization procedures, and process checks.
- Guides AirSage in developing metrics on newly acquired data sources for transportation applications.
- Provides technical expertise in project work including pre-sale client interaction, pre-sale project scoping, and post-sale customer support.
- Works closely with business development and operations in successfully scoping and completing projects.
- Provides insights and recommendations on the processing and development of data.
- Contributes to the broader department through participation in peer reviews, terms of reference reviews, modeling forums, and ad hoc project collaboration.
- Participates in university and industry conferences of strategic interest to AirSage.

Job Requirements:
- Knowledge of basic transportation modeling concepts required.
- Experience with programming and scripting (e.g. Python, R, Spark).
- Experience with handling Big Data processes through various technology tools widely used in the industry (such as Hadoop, Spark etc.)
- Experience with Geographic Information Systems and Databases (ESRI or QGIS) preferred.
- Strong analytical and problem-solving ability required.
- Ability to work with sensitive and confidential information.
- Ability to thrive in ambiguous and fast-paced environments.
- A driven, goal-oriented, pro-active personality, with the ability to multi-task when needed.
- An ability to work independently, yet still provide regular and insightful communication to upper management.
- Exceptional interpersonal and communication skills with the ability to interface with personnel at all levels of the organization (both internal and external stakeholders), both verbally and in writing.
- Ability to manage multiple priorities and demonstrate flexibility in a fast paced environment.

Education Requirements

- Advanced university degree in quantitative discipline required (ex. Transportation Engineering, Mathematics, Computer Science)

Interested candidates should email their resume to Rosie Jeffries at rjeffries@airsage.com

AirSage is an EEO/M/F/D/V Employer