Student Research Assistant
Data Analyst

The Social Energy Atlas is looking for an individual who gets excited about data. We are a University of Georgia research project funded by the U.S. Department of Energy. Our objective is to better understand why people across the State of Georgia and the U.S.A. adopt solar for their homes (or not). We are looking for a new member of our team to help us transform our raw data into useful information while collaborating with the team to transform information into insights.

The ideal Data Analyst Research Assistant is a highly motivated and analytical person who is excited by wrangling diverse data streams and conducting full life cycle analyses to include requirements, activities, and decisions. This position will also assist the Social Energy Atlas director in analysis and reporting that will lead to formal publication opportunities. Leadership qualities and teamwork participation are central to the success of all our team members.

Responsibilities for this position are included but not limited to:
- Interpreting data, analyzing results, and providing ongoing reports of incoming data to the Social Energy Atlas Director
- Developing and implementing databases, data collection systems, analytics, and other statistical strategies
- Acquiring data and conducting online research to inform publication strategies
- Filtering and cleaning diverse datasets
- Locating and defining new research opportunities in their areas of interest

Qualifications for this position are the following:
- Prior coursework or experience in data wrangling and analysis
- An interest and passion for data modeling, databases, data mining, and information science
- Strong knowledge of data management and analysis techniques, as well as a desire to learn even more
- Strong analytical skills
- The ability to balance creativity with analytical activities and critical thinking
- Excellent writing, presentation, and communication skills
- Excellent abilities in building relationships online and offline
- The ability to pick up new tools and skills quickly
- Functional knowledge, experience, or an interest in learning the following:
  - Content management systems (e.g. Drupal or Wordpress)
  - Database scripting techniques
  - Data processing and visualization libraries (Python, R, Tableau, etc.)