ENERGY ANALYST

InSite seeks bright, motivated people who are strongly interested in improving the performance and carbon footprint of the built environment. The Energy Analyst is a key contributor to InSite’s managed service customers through our Energy, Systems and Facilities Optimization services. You will have knowledge of commercial building systems, with practical experience in understanding the drivers for building energy and resource consumption and operational performance. Your analytical skills will enable you to analyze, interpret and evaluate building energy and systems data from various sources, including resource consumption (e.g., electricity, gas, water), air quality and other facilities datasets. This effort generates opportunities for operational improvement and validates implemented opportunities, providing long-term value to InSite customers in the federal government and the private sector.

Responsibilities:
- Assist senior analysts and engineers with developing energy baselines and perform statistically valid analytics against those baselines
- Provide energy, resource and building systems data expertise as a Subject Matter Expert on customer engagements and internally across groups
- Report and analyze greenhouse gas emissions from various Scope 1, 2 and 3 categories
- Analyze and present visualizations from an array of datasets like air quality, work order ticketing or building occupancy
- Establish standards and best practices for translating energy, resource and building systems data into useful and actionable information
- Perform Ad hoc analytical tasks and routine report generation
- Develop data visualizations for internal staff and external customers
- Balance multiple projects with tight deadlines simultaneously
- Support utility rebate and incentive program application submissions for InSite customers
- Document and present findings and recommendations internally and in customer facing deliverables and presentations

Requirements:
- Undergraduate or graduate degree in Mechanical, Architectural or Energy Engineering, Energy related degree or other relevant technical field of study.
- Minimum one year of relevant practical experience in data analytics and/or energy engineering
- Experience with BI Tools similar to Tableau, Microsoft Power BI, Qlik, etc. preferred
- Experience with a mathematical programming language such as Python, CUDA C++, etc. preferred
- Experience with Machine Learning technologies such as TensorFlow, PyTorch, KNIME, etc. a bonus
- Strong quantitative and problem-solving skills with a passion for data-driven methods of investigation
- Superb interpersonal and client communication skills
- Team player who enjoys a fast-paced, intellectually stimulating work environment
- A passion for sustainability, energy efficiency and climate action
- Candidate should be based in the Philadelphia or Washington, DC area

Qualified candidates should send a cover letter and resume to awyczalkowski@insiteintelligence.com