voltaiq

Data Engineer
Location: Berkeley, CA

"The battery is the technology of our time." -The Economist

Voltaiq's cloud-based Battery Intelligence software platform brings unprecedented data analytics, visualization, and predictive capabilities to any company with a battery-powered business model. Top automakers, consumer electronics, and energy storage companies use Voltaiq to accelerate product development, improve performance, ensure safety and reliability, and secure financing for their products. Our high-powered team comprises PhD scientists, expert data professionals, and battery industry veterans, all passionate about enabling the global energy transition. Voltaiq has offices in Brooklyn, NY and Berkeley, CA, serving customers around the world.

The Role:
At Voltaiq, we receive battery test data from research labs, manufacturers, and field deployments around the world. As a Data Engineer, you will develop transforms to map these incoming streams to our internal data model, and implement methods to scan data streams for anomalies and interesting features. You will develop scalable systems for data processing, storage, and access, supporting the analytics and machine learning activities of our customers and data science team. You will learn how data is used in battery research and manufacturing, and in the systems of mobile devices, electric vehicles, and the power grid. If you love data, have an interest in machine learning, and want to have a positive impact on how the world consumes energy, then this is the job for you.

Responsibilities:
- Write transformations for incoming data streams.
- Build scalable data processing pipelines.
- Help design and build data access services and tools for analytics and machine learning.
- Ensure data confidentiality, integrity, and availability for our customers.
- Collaborate with other Data Engineers to fulfill the responsibilities above.

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Qualifications:

- Experience building, testing and deploying ETL data pipelines.
- At least 5 years of combined experience with Scala, Java, or Python.
- Familiarity with SQL queries and SQL performance analysis and tuning. Experience with Postgres a plus.
- Familiarity with:
    - Distributed systems.
    - Functional programming.
    - Unit testing concepts.
- Strong teamwork skills, with demonstrated experience working in teams.
- Strong communication skills both verbal and written. Comfortable with remote work and communicating effectively through real-time text, audio, or video chat.
- Undergraduate or advanced degree in Computer Science or another quantitative/analytical field.
- Demonstrated interest in distributed systems for data processing, such as Spark and Tensorflow, a plus.
- Knowledge of machine learning tools and techniques a plus.

Competitive salary plus equity and full benefits. Our development office is located in Berkeley, CA, and we work remotely a couple of days each week.

Voltaiq is an equal opportunity employer and is committed to achieving a diverse workforce through application of its equal opportunity and nondiscrimination policy, in all aspects of employment.