



Clean Energy Data Wizard - Job Description

Support the transition to a sustainable energy future by building data analysis software! We model the impacts on the electric grid of installing solar PV, electric vehicles, heat pumps, etc. as part of the transition to renewable energy sources. Our software automatically calculates hourly forecasts for millions of smart meters. We are seeking an experienced Python developer to help us scale up our existing analysis code to use reliable, transparent, high-performance data processing pipelines. This is a contract position for 20-40 hrs per week for at least the next six months.

Job duties include:

- Coding new features and functionality for the data analytics system.
- Conducting thorough testing and debugging to ensure the tool's reliability, accuracy, and stability.
- Helping to design software to support new features and functionality, documenting requirements, APIs, and code.
- Assisting with server deployments and other dev ops tasks as needed.

You should be:

- Enthusiastic about solving climate change with clean energy technology.
- An experienced software developer, with 3+ years of professional experience (5+ years preferred) with a bachelor's degree in Computer Science, Software Engineering, or a related field.
- Proficient in Python, fluent in SQL, and comfortable working on Linux servers.
- A smooth operator with data pipelines, maintaining a DAG, and curating data catalogs.
- Committed to source code control, writing tests, updating documentation, and closing tickets.
- Able to trade banter on Slack as part of an all-virtual team; Giphy fluency a plus.
- Willing to offer and receive feedback openly as part of a blame-free development team.

Bonus points for:

- Experience working with electric utilities, energy data, or a basic understanding of the physics and engineering concepts around power and energy.
- Data visualization skills, either using native Python charting libraries or web-based systems like Tableau Server.

We are:

- A mission-driven company supported by a small team of contractors working on a growing portfolio of energy data software development projects.
- Working on developing and improving a body of analytical software over the last couple of years with a goal of maturing it into a true enterprise SaaS product.

How we work:

- As an independent contractor, you bring your own equipment, set your own schedule, and get paid for the hours you work.
- We are an all-remote team, but work hours are oriented around continental US time zones.
- Team members have a lot of autonomy to design and implement functional components of the software, but are also responsible for communicating and coordinating with other developers to ensure that all components are compatible.

To apply:

Send a cover letter and resume to jobs@resilientedge.io