



Data Scientist

Reporting to the Chief Product Officer

Our Business

Based in Cambridge (UK) Green Energy Options (**geo**) specialise in the design, manufacture and support of energy management display and information systems for domestic markets across Europe. Our focus is helping consumers understand and manage their domestic energy (and water) consumption. As such we design, manufacture and support consumer products.

Established in 2006 **geo** is now one of the leading home energy management system companies in the world having sold over 4 million systems. We are listed in the Sunday Times Tech Track 100 fastest growing UK tech Companies for a third year running and in 2017 we won a Queen's Award for Enterprise: Innovation. With major contracts to supply the UK smart metering programme, multiple connected home contracts and a growing distribution channel the company is continuing to experience substantial growth.

The Position

geo is looking for a Data Scientist to add to its expanding team. The range and scope of the role will be varied and includes using Data Science, Machine Learning and Artificial Intelligence techniques to generate significant additional value from data collected from energy smart meters and solar PV monitoring systems, smart heating controls, other sensors and external data sources such as weather and demographics, and delivering this value to our customers via **geo**'s products and services.

Requirements

As a Data Scientist, you use your expertise in data science, machine learning, and related tools and methods, to initiate, direct, and execute technology assessments, proof-of-concept activities, and support the development of products and services.

You will have a maths, physics or engineering background and most likely be qualified with a post graduate degree.

More particularly we are looking for someone who:

- Is highly numerate and experienced at handling large data sets
- Is familiar with SQL and NoSQL databases

- Is familiar with mathematical modelling using Python (NumPy/SciPy/Scikit-Learn), Spark (or other industry standard modelling environments) and is mathematically fluent
- Experience with machine learning concepts and techniques
- Has several years' experience in a research or analytical role
- Has a creative and imaginative mind
- Is capable of working with a multi-disciplinary engineering and commercial team
- Is articulate and capable of presenting ideas to colleague and customers, conveying complex technical topics and issues in layman's terms
- Is able to extract meaningful insights from data and provide support with data and knowledge to those in within the business
- Able to develop algorithms and apply machine learning techniques
- Has a high attention to detail
- Has an understanding of applicable data privacy legislation and regulations

Real-world experience in the energy sector and/or energy services would be helpful but not essential.

Applications

To apply for this position please email your CV and Cover Letter outlining why you are interested and what you can bring to this role together with your salary expectations and availability to Romaine York at recruitment@geotogether.com

