Data Scientist

This is an exciting role for an experienced Data Scientist who enjoys tackling tough problems of a statistical nature in a rapidly progressing prop-tech startup. We are looking for someone to work on time series analysis, combining disparate data sets to provide insights for building and transport management to reduce energy use and improve productivity in a diverse range of client projects in the UK and worldwide.

The ideal candidate should be able to articulate their experience by explaining the projects they have worked on as well as their successes, learnings and the impact for customers. We have a friendly and international team of highly skilled engineers and scientists based in one of London's top tech hubs.

Essential skills and experience:

- 2+ years as a Data Scientist, Statistician or Research Scientist
- Relevant MSc and BSc (CS, Math, Statistics, Physics)
- Time series analysis
- Proficiency in Python: numpy, scipy, pandas, matplotlib, scikit-learn
- Data cleaning
- Building ML data pipeline
- Algorithm experience: tree based, regression, clustering
- Data visualisation

Advantageous skills and experience:

- PhD
- Experience of R&D in a commercial start-up
- Analysing or modelling building management systems or transport systems
- Experience working on the command-line with linux
- Experience working with hardware devices (sensors, cameras, routers) to capture data
- Business Intelligence tools (Power BI, Tableau etc.)
- Embedded algorithm design
- Image/signal processing
- Deep learning libraries tensorflow / keras / pytorch (ANN, CNN, LSTM)
- NoSQL / SQL databases
- Software engineering (Git, peer review, tests
- Experience of agile working practices
- Contributions to open source code bases

We are looking for someone with:

- A passion for rigorous scientific methods, mathematical modelling, and statistical analysis
- The determination to overcome challenges presented by hardware, networking, heterogeneous data, changing priorities, and client requirements to develop a ground-breaking insights product
- Desire to contribute to product roadmap and technology choices

- Open and respectful attitude to collaboration and knowledge-sharing in a cross-disciplinary team of experienced engineers and scientists

Why work with us?

We are a talented and experienced team of engineers and data scientists, who are passionate about solving the biggest problems facing smart cities and urban mobility today.

Everyone is fully engaged in product development and future roadmap, from introducing new hardware, to improving processes, architecting our infrastructure, agreeing planning priorities. We're a highly motivated team that have already won several awards together and are now looking to disrupt our market and scale globally.

You will be part of a team of expert engineers and scientists responsible for developing our IoT data pipeline and analytics products. This includes aggregating data from IoT devices, analysing the data and developing the data visualisations that are the core of our insights product.

Work in the tech team at BlockDox is stimulating and diverse research and development. One day you will be capturing thermal image data from a new IR array sensor in our office, the next day trying to find and explain correlations between CO_2 and occupancy data from a client site, the next day developing a dynamic visualization of aggregated footfall over various time periods from a set of time-of-flight LIDAR sensors installed on a train. As a start-up we can progress ideas from research, through development to deployment very rapidly.

Our Offices:

- We are based in Europe's largest technology hub with lots of like-minded companies nearby
- We have our own private offices
- Close to many shops, restaurants, bars, cinemas, a green space, walking and exercising areas
- Great transport links
- Spectacular views over London

Benefits:

- Flexible Working
- Free tea, coffee, and various soft drinks
- Free freshly baked cookies and treats everyday
- Monthly meet ups - free food and drinks - beer, wine etc.
- Opportunity to socialise with like-minded people in the tech industries
- Onsite cafe, open-plan working spaces
- Table tennis room and chill out area

Contact:

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