Junior Big Data Developer

Staines, Middlesex

Joining the Technical Revenue Assurance and Data Team you will be at the forefront of the future of technology and data here at British Gas.

- Salary – Depending on experience
- Location – Staines (TW18), London We are looking for graduate or individuals with hands on technical/development experience within Data Science to help progress the future core development of Big Data here at British Gas.

Your role with us –

As our resident Big Data Developer you’ll take the lead in conceptualising and implementing ground-breaking visionary ideas to deliver Data science products. In doing so, you will:

- Define algorithms used to realize data products and work with the engineering team to correctly embed these algorithms in British Gas’s platform and products
- Interpret and provide solutions to business & systems problems using data analysis, data mining, optimization tools, and machine learning techniques and statistics
- Design and deploy data-science and technology based algorithmic solutions to address business opportunities.
- Identify, understand and evaluate new data technologies to determine the effectiveness of the solution and its feasibility of integration with British Gas’s current platforms
- Deliver quick working prototypes to prove hypothesis by building complex statistical models using a range of tools including Hive, Pig, Map Reduce, Ozzie, Shellscript, R, Kafka and Spark.
- Utilize recommender systems, collaborative filtering techniques, propensity modelling
- Configure and implement Natural Language Processing, machine learning and genetic algorithms in aiding towards building intelligent applications & software
- Design large scale models using Logistic Regression, Linear Models Family models, Time-series models etc.
- Machine learning including one or more of gradient boosting, neural networks, support vector machines and other artificial intelligence techniques.
- Provide consultative subject matter expertise; make suggestions for improvement
- Advocate best practices surrounding the data science activities

What we are looking for:

The main thing we would like for this role is a passion to learn and a desire to have a career with the UK’s largest Utility company. British Gas will give you the tools necessary to develop not just your
technical skills but also you as a person. So if you have passion for Big Data/Data Science programming and think you have the skills and knowledge below then please get in touch!

- Computer Science Degree- 2:1 & above (or hands on experience if no degree)
- Passion for all things Big Data especially around Hadoop, HIVE, Pig and other Big Data ecosystems
- Knowledge or hands on experience deploying algorithms in a production environment
- The ability to ask difficult questions and is not afraid to say “I don’t know”
- A passion and desire to learn programming and scripting proficiency, debugging, troubleshooting within JAVA, Perl, Scala, Cascading, Python & R
- Ability to use R to visualise our data and translate to the wider business
- Strong grasp of numbers, mathematical concepts and algorithms,
- Great analytical skills
- Ability to adapt to new development environments and handle multiple competing priorities in a fast-paced environment with complex dependencies and requirements.
- Any certification of Hadoop, R would be preferred but not essential

The Company

British Gas, part of the Centrica Group, supplies gas and electricity to UK residential and business customers, provides central heating and gas appliance installation and maintenance and low-carbon and energy efficient products and services.

**PLEASE APPLY ONLINE** by hitting the ‘Apply’ button. Please upload your cover letter and CV as one document.