Data Scientist

Taunton, Somerset

Apply

https://www.gov.uk/government/organisations/uk-hydrographic-office

Salary: £31,589 - £44,784 + RRA of up to £10,000

Closing date: 29th March 2019

This role

is a unique opportunity to be part of the ongoing growth & evolution of the data science practise which is central to the transformation of the UKHO in becoming a data centric organisation.

The role may be for you if you are an innovative thinker, love analytical problem solving and coming up with ground breaking solutions to complex, varied and interesting big data/ machine learning challenges. You will work across various interesting datasets which will help us to identify and shape possibilities that will ultimately be used to enhance the potential of UKHO.

In this role you will be working:

• for a government organisation which is 'up for transformation'
• in a brand-new purpose-built building
• flexibly with agile teams
• in what will soon be one of the best places to work in the South West

You will be empowered to deliver

Working with the Head of Data Science and Senior Delivery Manager and the wider office you are key to helping deliver the future vision of the UKHO. Find out more at https://www.gov.uk/government/organisations/uk-hydrographic-office/about.

We are creating cutting edge machine learning techniques and big data pipelines to process a wide variety of data, including bathymetry data, lidar, satellite images, autonomous vessel data and many more.

You will be working across the whole organisation to embed data science at the UKHO. We are intensive users of deep learning, Python, Cloud and geospatial data, so production experience of these would be highly beneficial. We also use other relational and unstructured data stores.
We are building an industry leading data science team, so you’ll be responsible for supporting collaborations and relationships across government and wider, relating to Data Science capabilities. We will also support your professional development with the opportunity to attend industry leading conferences and run research projects to develop best practice.

You will work across the organisation in a matrix management approach under a smart working ethos sharing the working space with different teams daily.

Your average day may involve the following:

• Evaluating and understanding new business challenges, exploring new data science techniques to find best fits
• Designing solutions to complex big data challenges and applying deep learning techniques
• Producing prototype solutions and working alongside the Data Engineering team to realise and productionise.
• Supporting learning activities across the organisation to spread the word and grow the practice across the organisation.
• Working with like minds across academia and beyond to enable pollination of ideas and help to establish the UKHO as a leader in the field.

Person Specification

Your details will be sifted and interviewed against the following 5 criteria

• You must hold a degree in Mathematics/Statistics or in a scientific or engineering discipline, or significant practical experience of working as a Data Scientist/Analyst.
• Be capable of confidently programming in either one or more of the following: R, Python, Matlab, Scala, and able to pick up other programming languages quickly.
• Have experience of processing geospatial, marine or oceanographic data, or at least a proven record of being able to turn your hand to a variety of different data analysis tasks.
• Demonstrated evidence of an elevated level of emotional intelligence and behavioural understanding with the ability to bridge the gap between the business and technology teams (Collaborating and Partnering).
• Experience of designing and implementing machine learning pipelines.

How to apply and interview process

Please send:

Your CV saved in Word with as many examples of your experience as possible
to recruitment@ukho.gov.uk by 12pm on Friday 29th March 2019.

This role is open to part-time, job share applications and those seeking flexible working - including some home working

We may hold telephone calls with you as part of the interview process.

Should you be offered an interview, please be aware there may be a selection exercise which could include a presentation, written test, technical evaluation exercise or a scenario-based activity. If you require any reasonable adjustments during these exercises, please include this info

Please note where we receive a high volume of applicants, only those selected for interview will be contacted.

https://ukhodigital.blog.gov.uk/
Guaranteed Interview Scheme (GIS)

We guarantee to interview anyone with a disability, whose application meets the minimum criteria for the post. By ‘minimum criteria’ we mean that the evidence you provide in your competency statement must demonstrate that you meet the minimum pass mark, set by the short-list panel, for each criteria listed in the ‘short-list’ section, above. The short-list panel will not be made aware of any individual that has applied under GIS; this information will be processed solely by HR, in accordance with the Data Protection Act 1998.

If you would like to apply under the GIS, please complete the GIS Declaration Form and send it to recruitment@ukho.gov.uk, along with the required documents listed at ‘How to apply and interview process’.

Civil Service Recruitment

Selection for appointment to the Civil Service is on merit, on the basis of fair and open competition, as outlined in the Civil Service Commission’s Recruitment Principles.

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