



## Geomagnetic Instrumentation Engineer

The British Geological Survey (BGS) is one of the world's leading and forward thinking geological science institutes with a focus on both public good science for government and geoscientific research to understand earth and environmental processes. A vacancy has arisen for a highly motivated and enthusiastic Geomagnetic Instrumentation Engineer at our BGS office in Edinburgh.

You will primarily maintain and develop the observatory communications network infrastructure, some of which is jointly managed by our Systems and Network Support (SNS). You will also be responsible for managing the data acquisition and telemetry software, developing in a number of languages under a number of operating systems. You will also be expected to improve tools to monitor and analyse the performance and quality of the observatory network and specify, test and implement a replacement observatory data recording platform capable of running in-house acquisition software.

You should be qualified to Honours Degree/Diploma in an engineering discipline or equivalent work experience together with A-level or Scottish Higher in mathematics or evidence of similar capability. You should also have proficiency and demonstrable experience in one or more computer languages such as: Java, C, Python together with a familiarity of TCP/IP network hardware and architecture together with basic office software including working with and manipulating data sets. Working in a small engineering team, you should be able to manage your own time and workload including the potential to effectively manage multiple simultaneous tasks. You will also be expected to show that you can clearly communicate aspects of your work to non-engineers and be able to work with non-engineers on common problems.

Finally you must be prepared to learn a variety of engineering skills immediately on appointment and continue to develop skills and knowledge in areas of engineering other than their specialism and be willing and able to travel and work alone in remote environments.

Depending on qualifications and experience, starting salary for the role will be £22,224 per annum to £24,112 per annum. Working hours will be 37 per week excluding lunch breaks. A generous benefits package is also offered, including a company pension scheme, childcare voucher scheme, 30 days annual leave plus 10.5 days public and privilege holidays.

This is advertised as a full time post but we will consider applications from those who require more flexible arrangements.

Applications are handled by the RCUK Shared Services Centre; to apply please visit our job board at [http://www.topcareer.jobs/Vacancy/irc222771\\_6334.aspx](http://www.topcareer.jobs/Vacancy/irc222771_6334.aspx) and submit your up-to-date C.V. and covering letter, which clearly outlines why you are applying for this post and how you meet the criteria described in this advertisement. Applicants who would like to receive this advert in an alternative format (e.g. large print, Braille, audio or hard copy), or who are unable to apply online should contact us by telephone on 01793 867003, Please quote reference number IRC222771.



Closing date for receipt of application forms is 30 April 2016.

The Natural Environment Research Council is an equal opportunities employer and welcomes applications from all sections of the community. People with disabilities and those from ethnic minorities are currently under-represented and their applications are particularly welcome. The British Geological Survey is an *Investors in People* organization and has achieved Bronze status for Athena Swan – a scheme that recognizes excellence in women's employment in science, technology, engineering, maths and medicine (STEMM) in UK higher education. There is a guaranteed Interview Scheme for suitable candidates with disabilities.