



GEOMAGNETIC IT SPECIALIST

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 an enthusiastic Geomagnetic IT Specialist to be based at our office in Edinburgh.

The Geomagnetism Team at BGS is responsible for measuring and analysing the Earth's ever changing magnetic field (see www.geomag.bgs.ac.uk for details). The Team is seen as a technology leader within BGS and is highly dependent on IT systems, many of them designed and built in-house. You will work directly with colleagues, designing, creating and deploying software and other IT products to achieve the science and business goals of the Team. You will be expected to be proactive in seeking solutions to problems and to get involved at all stages from analysis to maintenance. A major part of our business is the provision of data to industry and you will be expected to help with new developments as well as in troubleshooting problems with our data delivery mechanisms. You will assist in operating the Geomagnetism World Data Centre (www.wdc.bgs.ac.uk), liaising with partner data centres and managing the data archive according to modern standards for both digital and analogue records.

Essential qualifications for the role are a degree/diploma in an IT related discipline, or another discipline with significant IT content, or equivalent work experience, together with Java programming and good object orientated analysis and design (Java 6 and higher). Problem solving will be second nature to you. Team working is central to how we operate, so you should be able to work effectively with others and have good time management skills. Good communication skills, with evidence of being able to present your work to your colleagues, are essential. Any of the following skills would also be useful in this role (though not essential, since an individual programme of learning and development is part of our way of working):

- Additional languages such as C, C++, JavaScript, Perl, Groovy or Python
- Experience of developing in JavaScript, CSS2/3 and HTML5
- Familiarity with web services technologies such as Restlet, JAX-RS or Spring MVC.
- Experience of version control and software project management tools
- Experience with the UNIX operating system (Solaris or Linux)
- Knowledge of Earth Science or Physics
- Mentoring and coaching other staff



Starting salary will be between £19,937 per annum and £30,000 per annum (pay award pending) depending on qualifications and experience. A salary above £23,640 per annum will only be offered to appointees who have experience of formally or informally leading or managing others and an ability to take a business/scientific problem of significant complexity and design a solution.

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.

If you are interested in this role and want to be responsible for solving complex scientific and business problems under own initiative; being exposed to wide range of technologies and have the opportunity to contribute to scientific output of organisation, and possibility of representing the organisation at international scientific conferences then please visit RCUK Shared Services Centre job board at http://www.topcareer.jobs/Vacancy/irc164614_4849.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 IRC164614.

Closing date for receipt of application forms is 9 November 2014.

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' organisation. There is a guaranteed Interview Scheme for suitable candidates with disabilities.