Big Data Analyst for Pharmaceutical Production

Wallington, United Kingdom

Website: Science and Technology Facilities Council
We are a world-leading multi-disciplinary science organisation, and our goal is to deliver economic, societal, scientific and international benefits to the UK and its people – and more broadly to the world.

£37,213

Daresbury Laboratory, Warrington

Ref: IRC236089

The STFC’s Hartree Centre is world-leading in delivering big data driven solutions to industries ranging from aerospace to personal care. These large-scale software development projects are always high impact and often have a high profile with the capacity to generate significant economic, scientific and social impact. We now have an opportunity for a Big Data Analyst to join the Hartree Centre team to work on a landmark project for the pharmaceutical industry focusing on the digital design of drug products. This is a government funded project in partnership with 4 of the top 6 UK pharmaceutical companies and also includes computational chemists from within STFC and university partners. You will have a key role to analyse pharmaceutical process and product development data from pharmaceutical factories to raise the quality and efficiency of the manufacture of medicines in line with Quality by Design principles. This will require working with partners on the identification of scientific and industrial requirements and translating those requirements into inputs to the digital design pipeline.

At STFC, you will belong to a community of experts who are driving world-class science and technology forward. Our teams bring together curiosity-driven, blue-skies thinking with practical, application-led science – to maximise our impact for the benefit of the UK and its people. This is the home of incredible diversity of research, technology and engineering projects that truly fire the imagination and lead to real-world solutions which shape societies and transform lives. We give you the flexibility, the freedom and the world-class facilities to focus on what you do best, and play your part in breakthroughs and achievements that will give you career enhancing opportunities.

About you

- you will be educated to PhD level in an appropriate discipline, or with relevant experience
- an understanding of statistics, and familiarity of at least one scripting language suitable for data analysis, are essential
- experience in participating in projects across organisations with many different partners will be beneficial
- a technical background and appreciation of programming, visualisation, image processing, software engineering or high performance computing are desirable but not essential for the role.

This role will also require regular travel to other partner sites within the UK.
Benefits
In addition to the competitive salary, an excellent index linked pension scheme, 30 days leave allowance and flexi-time are offered. Full details of offered benefits can be found on STFC’s careers pages http://www.stfccareers.co.uk/

For an informal discussion about this role please contact Chris Morris chris.morris@stfc.ac.uk

To apply
Please use the following link to apply http://www.topcareer.jobs/Vacancy/irc236089_6793.aspx

Online applications only, please submit a covering letter and CV. No Agencies.

Closing Date: 27th November 2016

Interview Date: 15th December 2016

We want to make our application process as easy for you as we possibly can. If you experience any problems in applying for this job, or have any feedback for us about the application process, please contact us on 01793 867003 (8.30am – 5.00pm Monday to Friday). Please quote the appropriate IRC reference number when calling.