

Research Associate: Data Analytics Methods & Algorithms

Salary Range: £36,070 - £43,350 annum*

(Maximum salary on appointment will be £41,110 per annum)

Full time, fixed term appointment for 12 months. **Closing Date: 29 March 2017**

The Department of Computing is a leading department of Computer Science among UK Universities. It has consistently been awarded the highest research rating (5*) in Research Excellence Framework (REF), coming in 3rd in the 2013 REF, and was rated as “Excellent” in the previous national assessment of teaching quality.

We are seeking to hire one postdoctoral researcher in the field of large-scale data analytics on novel computing hardware and/or on supercomputing infrastructure (MPI-based). This position offers a unique opportunity to conduct research on developing new algorithms and methods urgently needed to analyse massive amounts of data, with access to a wide pool of academic, industrial, and governmental stakeholders and research. Through collaboration with researchers from across the Department and external partners, the candidate will be developing novel data management methods in general and data analytics tools and methods in particular, applying the results to neuroscience datasets and use cases from partners, and disseminating the work through publication and presentation.

To apply for this position, you must have PhD (or equivalent) in data management in general and data analytics as well as high-performance computing in particular. You should have experience in data management, data analytics, large-scale data analytics, massively parallel algorithms and computation (ideally experience with MPI and supercomputing), and be familiar with low level systems, C/C++ and Python programming close to the hardware.

You must have excellent communication skills and be able to organise your own work and prioritise work to meet deadlines. All applicants must be fluent in spoken and written English.

This post will be based at the South Kensington Campus.

*Candidates who have not yet been officially awarded their PhD will be appointed as Research Assistant within the salary range £31,740 - £33,370 per annum.

How to apply:

Our preferred method of application is online via our website. Please click ‘**apply**’ below or go to <http://www3.imperial.ac.uk/employment>. (Select “Job Search” then enter the job title or vacancy reference number **EN20170063LE** into “Keywords”).

Please include:

- A college application form
- A full CV
- One page statement indicating why your expertise is relevant.

Further information is also available on the job description. For further queries regarding the application process contact Georgina Tennant at: g.tennant@imperial.ac.uk.

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Imperial Managers lead by example

Committed to equality and valuing diversity. We are also an Athena SWAN Silver Award winner, a Stonewall Diversity Champion, a Two Ticks Employer, and are working in partnership with GIRES to promote respect for trans people