Salary: Grade 7 (£32,004 – £38,183 p.a. with flexibility to appoint up to £41,709 for exceptional candidates)

Reference: CSUIT1126

Closing date: 15 January 2017
Research Computing Officer
IT, Corporate Services

Do you enjoy innovating and resolving IT challenges? Do you have expertise in supporting UNIX/LINUX hardware and software? Do you have significant experience in implementing storage technologies? Are you interested in supporting specialist IT services in an academic environment?

We are looking for a Research Computing Officer to join IT, working initially within the Faculty of Biological Sciences (FBS) to support a recent £17m University investment in the Astbury BioStructure Laboratory.

You will be responsible for ensuring that IT support for research computing activities in this area, including all high-performance computing and research data storage needs, are met. You will be a key member of a broader team that provides IT support to Faculty based staff and postgraduate students across the University, and you will be responsible for all Unix/Linux-based research hardware and application support.

You will lead on FBS Faculty research storage technologies and strategies, advise and support researchers on research data management requirements and oversee the team supporting the Mac OS based research environment. You will work within the wider IT team to support the resolution of UNIX and LINUX software and hardware incidents and problems. To meet this, you will need to maintain a good awareness of University and local needs, and best practice in the wider IT world.

What does the role entail?

As a Research Computing Officer, your main duties will include:

- Responsibility for all UNIX and LINUX systems used in research and teaching across the Faculty, including research software packages;

- Providing advice, and helping shape the direction of, research computing for Faculty staff, including support for efficient use of high performance computing both locally and across the University;

- Overseeing the development of Faculty approaches for secure research data filestore and timely backup processes for all research and core computing systems in the Faculty;

- Providing advice and support to Principal Investigators around Research Data Management;
• Responsibility for the strategic development and management of the Faculty Virtual Server Platform;
• Accountability for Mac OS platforms and applications used in Research;
• Responsibility for ensuring that research computing applications and services are documented, operate securely and are supported effectively;
• Supporting others to ensure Web and MySQL solutions and configuration requirements for web infrastructure are aligned to the Faculty web strategy;
• Maintaining leading edge knowledge of changes in UNIX/Linux, Virtualisation and storage technologies to ensure effective support for Astbury and Faculty Research Computing strategy and activity.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As a Research Computing Officer you will have:
• Significant experience of working with:
  - storage technologies, including SAN, iSCSI, Software defined;
  - research computing systems, including GPGPU clusters;
  - software, preferably in a structural biology or computational biophysics environment;
  - systems administration of Linux, including CentOS, RedHat or Ubuntu/Debian, and VMware vSphere;
• A strong technical understanding of Networking concepts, TCP/IP, DHCP, DNS, VLAN, VPN, Firewalls etc. up to and including 10Gbit fibre networking;
• Experience of configuration and management of WWW technologies;
• Excellent organisational and planning skills, with the ability to proactively managing competing priorities, work under pressure to tight deadlines, and deliver high quality work first time;
• Excellent communication and interpersonal skills, with the ability to interact effectively with both technical and non-technical members of staff and management;
The ability to lead, manage and work within teams;

An up-to-date knowledge of the development in technology relevant to Research Computing;

Willingness to support and uphold the IT Behavioural Framework, and the University of Leeds Values.

You may also have:

- Experience of working with:
  - IBM GPFS/SpectrumScale;
  - Mac OS;
  - VCP;
  - RHCE;

- A ITIL 2011 foundation qualification.

How to apply

You can apply for this role online; more guidance can be found on our How to Apply information. Applications should be submitted by 23.59 (UK time) on the 15 January 2017.

Contact information

To explore the post further or for any queries you may have, please contact:

John Dodds, Faculty IT Manager
Tel: +44 (0)113 343 3892
Email: J.T.Dodds@leeds.ac.uk

Additional information

Find out more about IT.
Working at Leeds
You can find out more about our generous benefits package and more about what it is like to work at the University and live in the Leeds area in our Working at Leeds information.

Candidates with disabilities
Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found in our Accessibility information or by getting in touch with us at disclosure@leeds.ac.uk.

Criminal record information

Rehabilitation of Offenders Act 1974
A criminal record check is not required for this position, however, all applicants will be required to declare if they have any ‘unspent’ criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our Criminal Records information.