



**UNIVERSITY OF LEEDS**

## **CANDIDATE BRIEF**

**Application Development Developer (Digital & Research Data Repositories), IT**



**Salary: Grade 6 (£27,025 – £32,236 p.a.)**

**Reference: CSUIT1275**

**We will consider job share and flexible working arrangements**

# Application Development Developer (Digital & Research Data Repositories)

## IT

**Are you interested in using and growing your development skills in a diverse development function? Are you an enthusiastic and driven individual with a desire to be part of a development team delivering high quality IT services to support a range of business critical systems?**

As a Developer you will be part of a team that delivers and supports services that underpin a range of business critical activities. Initially, this will focus on two key Library services; the Research Data Leeds repository service and the Digital Library repository service. This will mean that you will be supporting and developing a store of world class research data as well as a digitised archive of the university's internationally renowned Special Collections. In time, you will also deliver development and provide support for other important services.

The Library's repositories are built on EPrints open source software and we are ideally looking for someone with good experience in Perl or another scripting language, such as Python along with knowledge of MySQL, JavaScript, Apache webserver and experience of working within a Linux environment.

Knowledge and experience of programming in PHP (including Object Oriented programming), other database systems (e.g. Oracle) and an understanding of web security considerations would be an advantage. Prior knowledge of EPrints or another digital repository system would also be desirable but is not essential. Along with your technical skills you will also possess excellent communication skills which will be well used when working with a wide range of IT and university colleagues and customers.

You will use skills, knowledge and experience gained through working in your development role to design, develop and maintain applications across a range of technologies. You will work effectively, aligned to the development lifecycle ensuring effective communication and consultation with stakeholders and customers in designing and implementing fit for purpose solutions.



## What does the role entail?

As an Application Development Developer (Digital & Research Data Repositories) your main duties will include:

- Working, under the guidance of more experienced team members, to agreed standard operation procedures and industry standards to extend the functionality of existing services or develop new services. This will include a range of activities across the development cycle including technical design, development and configuration, and defect resolution and deployment;
- Working with colleagues from Application Support to aid in the management of incidents, undertaking investigation and defect resolution as required;
- Responsible for effectively planning and allocating your own time to ensure efficient deployment of resources, planning and prioritising work in line with the aims, objectives and priorities of the wider IT Service;
- Supporting the ongoing development of Standard Operating Procedures and continual service improvement, including ongoing development of knowledge base articles and artefacts;
- Establishing and maintaining effective working relationships with a wide range of individuals at all levels;
- Working collaboratively with colleagues from across IT on a range of development activities including estimation, scoping, planning, design and transition into service.

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 an Application Development Developer (Digital & Research Data Repositories) you will have:

- Experience of developing systems and programs using a range of technologies and languages;
- Experience of effectively designing technical solutions to meet requirements specifications;
- Experience of producing documentation to support development work;



- Experience of working with Test colleagues to support the design and deployment of system testing plans;
- An ability to explain technical problems in non-technical language;
- Strong initiative, with excellent organisational, planning and self-management skills, including the ability to work accurately and carefully, manage and complete projects to deadlines and deliver high quality work;
- Effective communication and interpersonal skills, including written and presentational, with the ability to work and engage with a diverse range of collaborators/stakeholders within and outside of IT;
- Skills and experience with Perl or a related scripting language and knowledge of MySQL and JavaScript;
- Experience of the Apache webserver and working within a Linux environment.

You may also have:

- Experience working in a regulated environment working with sensitive personal data;
- Knowledge of ITIL principles or an ITIL Qualification;
- Knowledge and experience of programming in PHP (including Object Oriented programming);
- Knowledge and experience of other database systems (e.g. Oracle);
- Working knowledge of EPrints or other digital repository systems;
- A good understanding of web security considerations.

## How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

## Contact information

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

**Richard Bettie, IT Operational Lead**

Tel: +44 (0)113 343 1891

Email: [R.Bettie@leeds.ac.uk](mailto:R.Bettie@leeds.ac.uk)



## Additional information

Find out more about [IT](#).

### Working at Leeds

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

### Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at [disclosure@leeds.ac.uk](mailto: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 page.

