Loughborough University

Junior Software Developer
Job Ref: REQ190265

As part of the University's ongoing commitment to redeployment, please note that this vacancy may be withdrawn at any stage of the recruitment process if a suitable redeployee is identified.

Job Description

Job Purpose

The Learning Technologies team in IT Services are seeking a PHP Programmer / Web Developer who is looking to work as part of a multi-disciplinary team on a wide range of web development and learning technology projects. The candidate should have experience of developing web applications, a positive attitude and a willingness to learn and engage with new web technologies.

The ideal candidate will have:

o   Experience with using PHP and MySQL to create dynamic web applications

o   Experience of HTML, XHTML and creating CSS-driven layouts

o   Knowledge of JavaScript and jQuery

o   Confidence in liaising with end-users

o   Experience with image creation software or graphic design

Key Job Role

To be part of a team of learning technology developers, working on web development projects related to teaching and learning, and administration. Either working on large systems under the supervision of colleagues in a team, or on sole projects with other staff in IT Services and across the University. Provide creative technical solutions and keep the team's knowledge and expertise up-to-date with emerging technologies, web standards and mobile devices.

Responsibilities / Duties

- Work with Learning Technology team members (and other stakeholders) to implement new features for the nascent Learning Analytics platform at Loughborough University, and provide initial third line technical support for staff and students.

- Work with Learning Technology team members on updating and enhancing existing web applications such as the Moodle-based VLE Learn, Co-Tutor, and other in house systems.

- Undertake new Learning Technology projects to create new and innovative applications. This may involve:

    o   Liaising with academic and support staff to determine requirements

    o   Identifying communication needs

    o   Designing and developing technical solutions

    o   Providing on-going support and maintenance for Learning Technology applications

      o   Producing support materials and technical documentation as appropriate

Organisational Responsibility

- Reports to the Learning Technology team manager.

Person Specification

Criteria	Essential	Desirable	Stages to be assessed
Education and Qualifications	First degree (or equivalent experience applicable to the role)	Relevant formal IT qualification	1
Experience	Experience of using PHP and MySQL to create dynamic web applications Experience of HTML, XHTML and creating CSS-driven layouts	Experience of managing and developing web applications and systems in an educational environment Experience with JavaScript and jQuery Experience in liaising with end-users and providing time estimates for their projects	1,4
Skills, Abilities and Knowledge	Competent with image creation software (working with layers to transform designs into HTML/CSS templates) Ability to communicate effectively with both IT and non-IT staff and to present information professionally Analytical skills and ability to understand and translate complex processes, systems and technology Ability to meet new objectives and learn new skills	Basic experience with version control systems (primarily Git) Of working with the Moodle Virtual Learning Environment, preferably within a Higher Education context Design capability with regard to information architecture, interaction design, web interfaces and design for user experience An awareness of security issues in web development and methods of managing them Experience of working in an Agile environment	1,2,3,4
Training	Willingness to undertake appropriate further training and to adopt new procedures as and when required		1,4

Other	Commitment to observing the University's Equal Opportunities policy at all times		1,4

Stages in assessment: 1: application form at short listing, 2: presentation, 3: test, 4: interview.

Conditions of Service

The position is full-time and open-ended. Salary will be on Technical Services, Grade 5, £24,771 to £29,515 per annum, subject to an annual pay award, at a starting salary to be confirmed on offer of appointment.

The appointment will be subject to the University's normal Terms and Conditions of Employment for Grades 1-5 staff, details of which can be found here.

The University is committed to enabling staff to maintain a healthy work-home balance and has a number of family-friendly policies which are available at http://www.lboro.ac.uk/services/hr/a-z/family-leave-policy-and-procedure---page.html.

We also offer an on-campus nursery with subsidised places, subsidised places at local holiday clubs and a childcare voucher scheme (further details are available at: http://www.lboro.ac.uk/services/hr/a-z/childcare-information---page.html

In addition, the University is supportive, wherever possible, of flexible working arrangements.
We also strive to create a culture that supports equality and celebrates diversity throughout the campus. The University holds a Bronze Athena SWAN award which recognises the importance of support for women at all stages of their academic career. For further information on Athena SWAN see http://www.lboro.ac.uk/services/hr/athena-swan/

Applications

The closing date for receipt of applications is **7 April 2019. Interviews will be held on 17 April 2019**.