

## Job Related Information

This document includes information about the role for which you are applying and the information you will need to provide with your application.

### 1. Role Details

Vacancy reference	14047
Job title:	Web Developer (Front-end & CMS)
Reports to:	Senior Research Fellow
Salary:	Ranging from £26,495 to £31,604
Terms and conditions:	Full time Support (Technical) Staff
Grade	GR6
Duration of post:	Temporary contract until 30 June 2018
Working hours:	37 hours per week (full time, Monday to Friday)
Location:	Milton Keynes
Closing date:	5pm on 1 November 2017
Type of application form accepted:	Standard or Accessible version (plus CV & covering letter)
Number of referees required:	Three
Unit recruitment contact:	Ortenz Rose

## 2. Summary of duties

The team at the OU runs a large aggregator of research papers called CORE and a set of projects promoting principles of Open Science (FOSTER+, FT4RRI). CORE provides free access to the full-texts of 8 million+ Open Access research papers as well as a number of information services for researchers and organizations. These include services enabling text & data mining, recommender systems, content management services for libraries & repositories and the provision of an API. We are also in the process of developing analytical services to support business intelligence for research.

We are currently looking for a Web Developer (Front-end & CMS) to join our team of developers and researchers. This is a great opportunity to work at the intersection of research and development.

The appointment will be made on the Grade 6 of the Salary Scale for Support (Technical) Staff, ranging £26,495 to £31,604 pa depending on qualifications and experience.

### *JOB DESCRIPTION*

You will work as part of a team of developers and researchers on improving the front-end UI/UX experience of CORE users. Additionally, you will be involved in improving our e-learning platform delivering training materials and courses on Open Science. You will work in the team at the Knowledge Media Institute, Open University.

Specific Tasks:

- Improving the UI/UX of a range of web applications;
- Performing user testing and daily operation of existing web applications;
- Extending the functionality of existing web applications, such as e-learning solutions based on CMS.

## 3. Person specification

### Requirements (E = Essential/ D = Desirable)

#### Education, qualifications and training

A degree in Computer Science or related field (D)

#### Knowledge, work and other relevant experience

<b>Essential:</b>	<ul style="list-style-type: none"><li>• Good knowledge and at least 3-year experience with web development;</li><li>• Good skills in PHP, especially applied to web development;</li><li>• Working knowledge of Javascript, CSS and HTML;</li><li>• Working knowledge of MySQL or other databases;</li><li>• Working knowledge of the Linux environment.</li></ul>
<b>Desirable:</b>	<ul style="list-style-type: none"><li>• Experience working with CMS, especially PHP CMS, preferably Drupal;</li><li>• Experience with CSS3 and HTML5;</li><li>• Experience with data visualization frameworks;</li></ul>

	<ul style="list-style-type: none"> <li>• Experience with developing APIs;</li> <li>• Experience with code sharing, issue tracking (JIRA, GIT), testing.</li> </ul>
<b><u>Personal abilities and qualities</u></b>	
<b>Essential:</b>	<ul style="list-style-type: none"> <li>• Ability to quickly demonstrate understanding of the project aims and specific task as requested;</li> <li>• Willingness to follow an agile development according to Scrum;</li> <li>• Fluency in English;</li> <li>• Ability to write technical reports and document code;</li> <li>• Team player;</li> <li>• Hard worker;</li> <li>• Good communicator;</li> <li>• Ability to work to challenging targets.</li> </ul>
<b>Desirable:</b>	n/a

#### 4. Role specific requirements e.g. Shift working

n/a
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#### 5. About the unit/department

<p><b>Faculty of Science, Technology, Engineering &amp; Mathematics</b></p> <p>The newly formed Faculty of Science, Technology, Engineering and Mathematics (STEM) comprises:</p> <ul style="list-style-type: none"> <li>• School of Computing &amp; Communications</li> <li>• School of Environment, Earth &amp; Ecosystem Sciences</li> <li>• School of Engineering &amp; Innovation</li> <li>• School of Life, Health &amp; Chemical Sciences</li> <li>• School of Mathematics &amp; Statistics</li> <li>• School of Physical Sciences</li> <li>• Knowledge Media Institute (distinct research institute)</li> <li>• Deanery including teams supporting Curriculum, Research and Enterprise, Laboratory Infrastructure and Faculty Administration</li> </ul> <p><b>“We aspire to be world leaders in inclusive, innovative and high impact STEM teaching and research, equipping learners, employers and society with the capabilities to meet tomorrow’s challenges”</b></p> <p>The Knowledge Media Institute (KMi) of the UK’s Open University is a highly successful interdisciplinary research centre founded at The Open University in 1995, and located in attractive premises at The Open University’s main campus in Milton Keynes, UK. We offer a stimulating environment, widely acknowledged to be at the leading edge of research and development, particularly in Semantic Technologies, Human Computer Interaction, New Media and Information Retrieval. The style, impact and content of our work can be seen at <a href="http://kmi.open.ac.uk/">http://kmi.open.ac.uk/</a></p>
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## 6. How to obtain more information about the role or application process

If you would like to discuss the particulars of this role before making an application please contact Dr Petr Knoth on +44 (0)1908 65448 or email: [petr.knoth@open.ac.uk](mailto:petr.knoth@open.ac.uk)

If you have any questions regarding the application process please contact Ortenz Rose on +44 (0)1908 654774 or email: [ortenz.rose@open.ac.uk](mailto:ortenz.rose@open.ac.uk)

## 7. The application process and where to send completed applications

Please ensure that your application reaches the University by:	5pm on 1 November 2017
Post it to:	Ortenz Rose
Name/Job title:	KMi Senior Co-ordinator - Staffing & Recruitment
Department/Unit:	The Knowledge Media Institute (STEM)
Address:	The Open University, Walton Hall, MILTON KEYNES. Bucks
Post Code:	MK7 6AA
Or e-mail your application to:	<a href="mailto:kmi-recruitment@open.ac.uk">kmi-recruitment@open.ac.uk</a>

## 8. Selection process and date of interview

The interview panel will be chaired by:	Dr Petr Knoth - Senior Research Fellow
The other members of the interview panel will be:	To be advised
The interviews will take place:	To be advised
The selection process for this post will include:	<ul style="list-style-type: none"><li>• A review of applications by the interview panel;</li><li>• A short presentation to the panel on the role of the project officer;</li><li>• A formal interview.</li></ul> <p>Please ensure you complete all relevant sections of the application form. You are required to include a curriculum vitae; however <b>any CVs submitted <u>without</u> a completed application for employment form <u>will not be accepted.</u></b></p>



We will let you know as soon as possible after the closing date whether you have been shortlisted for interview. Further details on the selection process will also be sent to shortlisted candidates.

Applications received after the closing date will not be accepted.