

University of London Job Specification

Job Title: Senior Developer – Research Technologies
Department: CoSector
Section: Software Services
Level: 08 (AMP)

Job Purpose:	<p>Working as part of the Research technologies team providing digital products and solutions to UK Higher Education, cultural heritage institutions and allied bodies involved in research.</p> <p>As part of the team, maintain and develop the Research technologies service, providing technical expertise to a range of services and projects.</p>	
Job Content:	Percentage breakdown of time spent on each duty or on a related group of duties	%
	<ol style="list-style-type: none"> 1. To guide and make significant contributions to the development, management and maintenance of CoSector's research technologies service, liaising with customers and with internal and external service providers as necessary. 2. To lead and contribute to projects for developing the existing service infrastructure; including data and publication repositories, digital archiving, e-journals. Also to contribute to related development opportunities and initiatives in HE, research and cultural heritage sectors. 3. To develop excellent working relationships with existing and potential customers in order to proactively identify service related issues and development needs and priorities. 4. As part of the team along with the customer account manager, proactively ensure that the customer commitments detailed in the Research technologies service level agreement are met. 5. To assist in the sales and marketing process for Research technologies, and participate in outreach and dissemination activities. 6. To maintain an awareness and analysis of emerging trends and priorities around supportive technologies for research in HE and the Cultural Heritage sector, and proactively identify opportunities for ULCC to develop new offerings and services. 7. To draw up and agree work schedules with the team and project management, to report progress on activities, and maintain records of time spent on activities and customer interactions 	<p>40%</p> <p>15%</p> <p>15%</p> <p>10%</p> <p>5%</p> <p>5%</p> <p>5%</p>

<p>8. To actively follow and promote the University of London policies, including the University's Dignity at Work and Equal Opportunities Policy and actively promote these wherever possible.</p> <p>9. To maintain an awareness and observation of fire and health and safety regulations</p> <p>10. Any other duties consistent with both the grade and scope of the post</p> <p>11. Any other duties reasonably required of the postholder by the reporting manager.</p>	5%
<p>Reports to:</p> <p>Responsible for:</p>	<p>Head of Digital Archives & Research Technologies</p> <p>n/a</p>
<p>Additional demands of the role:</p>	<p>n/a</p>

Person Specification

EXPERIENCE & PERSONAL QUALITIES

Essential:

- Experience of web and database application development and support in HE, cultural heritage or commercial environment.
- Significant experience with Open Access repositories or related systems used for the management of essential digital content and assets.
- Significant experience of providing service delivery to more than one client.
- Demonstrated verbal and written communication skills.
- Demonstrated ability to engage professionally and proactively with existing and potential customers.
- A proven professional, enthusiastic and flexible approach to work.
- Ability and desire to motivate others to achieve workplace goals.

Desirable:

- Experience of supervising staff.

TECHNICAL KNOWLEDGE & SKILLS

Essential:

- Demonstrated knowledge of web technologies and applications used in support of teaching and research in Higher Education, including libraries, archives and e-learning.
- Experience of developing in LAMP environment.
- Solid experience in any of Perl, Ruby on Rails, EPrints, or Hydra/Samvera.
- Experience in delivering web applications using HTML5 and associated technologies.
- Demonstrated understanding of metadata standards and system interoperability.
- Demonstrated awareness and understanding of issues and trends in the Higher Education, library and cultural heritage sectors.
- Experience in using open-source code repositories, github, sourceforge etc.

Desirable:

- Knowledge of development for responsive interfaces.
- Knowledge of document oriented data structures.
- Project Management skills.

EDUCATION & PROFESSIONAL QUALIFICATIONS

Essential:

- Qualified to at least degree level in Information Technology/Library/Archives or related subject or with equivalent vocational experience.

Competency Requirements	Essential	Desirable
Academic Community focus	B	C
Adapting to change	B	
<i>Commercial awareness (optional)</i>	B	C
Creativity and innovation	B	C
<i>Customer focus (optional)</i>	C	
Interpersonal understanding	B	C
Leadership	B	C
Managing resources	B	C
Organisational commitment	B	C
Proactivity and planning	B	C
Problem solving and decision making	C	
Performance Management	B	
Resilience	B	C
<i>Staff development and commitment to learning (optional)</i>	C	
<i>Stakeholder focus (optional)</i>	B	C
<i>Striving for excellence (optional)</i>	B	C
Working collaboratively with others	B	C
<p>Competencies are scored on an A-D scale, with D representing the highest demonstration of the competency.</p> <p>For further information on each of the competencies and relevant levels, please refer to the University's Competency Model http://www.london.ac.uk/5258</p>		