Web Interface Developer (ADS)

**Department:** Archaeology (Archaeology Data Services)

**Hours of work:** 37 hours a week / Full time

**Contract type:** Fixed term for 2 years

**Salary:** £27,131 - £33,314 a year / Grade 5
Main purpose of the role

This is a new role designed to increase the front-end applications development capacity of the ADS in order to deliver a number of industry and research projects. The role is aimed at someone in their early career, with appropriate skills but looking to gain more formal experience in applications development. Enthusiasm and a willingness to learn are crucial to the role.

You will join the existing team of Lead Application Developer and two Applications Developers in delivering innovative and engaging front-end applications, including but not limited to map-based interfaces, image collections, and reference catalogues.

You will take a hands-on development role and primarily work on smaller self-contained interfaces, but also where required on larger collaborative projects. You will be supported by the team at all points, and will be mentored in the ADS DevOps practices.

Key responsibilities

(Role holders will be required to undertake some or all of the duties below)

1. Role Specific Responsibilities

- Coordinate and assist in the development of accessible and engaging web interfaces according to a specification
- Ensure your code is documented and stored within ADS GIT repository
- Undertake code reviews and collaborative projects with the ADS Development team
- Work on your own initiative to balance the requirements of set projects
- Work with the ADS team to develop technical solutions to common problems or user needs.

2. University of York Responsibilities for Grade 5

Service and Operational Delivery

- Undertake day to day decision making for operational aspects of service or delivery, within a designated area of responsibility.
- Deliver services to standards set by others, using initiative and independent action to meet service needs.
- Manage the resolution of escalated issues or queries where the answer requires consideration and application of judgement.
- Where appropriate, solicit customer views on the nature and quality of the service provided.
- Make effective use of digital solutions to carry out operational activity and implement efficiency improvements.
- Act as a supportive and encouraging member of a team. For roles at this level with supervisory responsibilities, demonstrate compassion and give advice on commonly occurring wellbeing issues.

Continuous Improvement

- Monitor and review service or operational delivery in conjunction with line manager, recommending / implementing improvements to process, service or governance.
- Contribute to and/or initiate the development and improvement of methods of service delivery.
- Research, analyse and interpret data/findings, using standard methodologies to identify opportunities
for improvement. Where appropriate, independently identify and source additional information for consideration.

● Proactively identify opportunities for building new personal knowledge and skills for self and others.

Specialist Contribution

● Provide detailed advice to internal and external stakeholders on service-specific policies, procedures and regulations.
● Carry out investigations, searches and research information and data to identify trends and patterns.
● Analyse data and statistics and provide reports for higher level decision makers.
● Provide expertise to support compliance with legislation and statutory duties.

Collaboration and Communication

● Establish, maintain and develop productive and ongoing relationships with colleagues across the University, to support service delivery and issue resolution.
● Contribute to business meetings, working groups and committees to enable efficient service delivery and manage stakeholder expectations.
● Engage with external peers and specialists to exchange knowledge and information.
● Use a range of digital media and tools to communicate with a diverse range of key stakeholders.
● Collaborate with team members to identify and implement service improvements or alterations.

Governance and Oversight

● Implement and monitor recognised procedures to ensure compliance.
● Provide training to team members on procedure e.g. data handling and recording.
● Ensure accuracy by implementing recognised and routine checks, assessment criteria and techniques.

Planning and Organisation

● Plan and organise own workload (and, where applicable, the workload of team members) to manage short term fluctuations and changing priorities.
● Contribute to longer term plans/programmes of work.
● Plan and organise small scale projects.

The above list of duties is not exhaustive and is subject to change. The post holder may be required to undertake others duties within the scope and grading of the post.
### Person specification

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<th>Essential / Desirable</th>
<th>Role Specific</th>
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<tr>
<td><strong>Essential</strong></td>
<td>Experience in the development of web interfaces</td>
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<td>Experience of documenting and storing code</td>
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<td>Experience of undertaking code reviews</td>
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<td>Experience of balancing work from different projects</td>
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<td>Experience of developing technical solutions to common problem and user needs</td>
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<td><strong>Desirable</strong></td>
<td>A degree level qualification in an IT field or equivalent employment experience</td>
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<td>Knowledge of current software development practices, software architectures, modern web application development</td>
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<td>Ability to work with open-source JavaScript libraries for interactive web mapping (e.g. Leaflet)</td>
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<td>Ability to write code in CFML (Lucee)</td>
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### University of York Person Specification for Grade 5

**Qualifications:**

Level 3 qualification. (Qualifications at this level include A levels. Please [view the full list](#). We also welcome applicants with equivalent non-UK qualifications or equivalent professional experience.

**Skills - demonstrates the ability to:**

- Manage small-scale projects
- Gather, analyse, interpret and report data/information
- Use digital technologies including Google applications and/or Microsoft Office
- Communicate effectively in verbal and written formats, including the use of a variety of digital tools

**Behaviours:**

- Works collaboratively with others
- Delivers a quality service
- Develops self and others
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<td>Actively champions respect, inclusivity, equality and diversity</td>
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<td>Identifies and implements continuous improvement</td>
<td>Essential</td>
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