

# Applications Analyst/Developer

Department	Information Services ( <a href="http://www.strath.ac.uk/professionalservices/is/">www.strath.ac.uk/professionalservices/is/</a> )		
Directorate	Information Services ( <a href="http://www.strath.ac.uk/is/">www.strath.ac.uk/is/</a> )		
Staff Category	Administrative and Professional	Reference No	337012
Reports To	Senior Library Systems Analyst/Developer	Grade:	7
Salary Range:	£32,817 - £40,322 per annum	Contract Type:	Fixed Term (12 months)
FTE	1 (35 hours/week)	Closing Date	13/12/2020
Holidays	31 days + 11 statutory days	On Site Facilities	Car parking, sports
Pensions	Contributory pension scheme made available to all staff which includes a generous employer contribution.		
Training	Professional Development with <a href="#">Organisational and Staff Development Unit</a> (OSDU) and, when required, external training.		
Family Friendly Benefits	Generous maternity, shared parental, paternity and adoption leave, on-campus nursery, holiday purchase scheme.		
Health and Wellbeing	University Sport centre, access to health and wellbeing events, occupational health, cycle to work scheme.		

## Job Advert

### **\*\*DIRECT APPLICATIONS – NO AGENCIES PLEASE\*\***

The University Library is undertaking an exciting project, due to commence February 2021, to implement a new repository for its digital theses and exam paper collections. We are looking for a versatile developer and system administrator with experience in repositories and/or Library systems to help this project succeed. As an enthusiastic, innovative and experienced developer you will play a lead role in the implementation of our new repository system and the migration of data from our legacy repository. This post will sit within the Library Systems team of ISD Business Systems at the University. This is a small team that delivers systems key to Library operations you will be required to provide back-up support for these systems. A dynamic, flexible and customer centred approach is key.

The successful candidate, must be tax resident in the UK have the following experience:

- Experience of specifying and implementing complex IT systems
- Experience in data migration

Technical skills we are looking for:

- JavaScript (Angular)
- Python, or other object oriented programming language
- SQL
- HTML5, CSS3
- REST or SOAP APIs

In return, you will receive 'on-the-job' training, a generous holiday package and be eligible to subscribe to a variety of schemes associated with being an employee of the University including: generous employer contributions to your pension; a world-class Sport Centre; family friendly policies; and various additional incentives including a Cycle Scheme. The University also has on-site childcare and parking for which you can apply.

## Job Description

### Brief Outline of Job:

As part of the Library Systems Team the post-holder will work within the Application Support section of Information Services (IS). The primary responsibility will be to provide technical support to the implementation of a new repository solution (Samvera), including the migration of data from the legacy system (Digitool). The post-holder will be the primary technical resource on this project, will work closely with the system supplier to ensure our requirements are met. They will work closely with the Cataloguing and Metadata Manager to specify and ensure the migration of digital objects and associated metadata from Digitool to Samvera. They will ensure that existing interfaces between Digitool and external systems are implemented in Samvera. They will implement new interfaces as specified by the project team. They will scope and write the technical specification for an interface between Samvera and Archivematica (for the purpose of digital preservation). As part of a small team supporting a wide range of Library systems the post holder will be required to provide back-up support for these systems.

### Main Activities/Responsibilities:

1.	Work with the project team and the system supplier to scope and specify the new repository solution, ensuring the identified business requirements are supported by the technical solution
2.	Work with the system supplier to configure and implement the repository system (Samvera)
3.	Develop interfaces between the new repository solution (Samvera) and other systems, including (but not limited to): Alma/Primo; Ethos; Pure (Google Scholar, MyPlace, Integration Hub, Strathclyde App etc)
4.	Work with the Cataloguing and Metadata Manager to scope, specify and ensure the successful data migration from the existing repository solution (Digitool) to the new solution (Samvera)
5.	Provide support as required to any data cleanse and normalisation specified by the Cataloguing and Metadata Manager
6.	Scope and write the technical specification for an integration between Samvera and Archivematica
7.	Create and maintain documentation relating to the project and its outputs
8.	Provide support for key Library systems, primarily Alma and Primo, as required
9.	To undertake duties in line with departmental safety, health and wellbeing arrangements and to attend appropriate safety, health and wellbeing training associated with your respective area of work activity

## Person Specification

### Educational and/or Professional Qualifications

(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

E1 Degree or equivalent in IT/Computing Science related discipline or in exceptional circumstance extensive relevant work experience

### Experience

E2 Experience of implementing and administering complex IT systems, ideally library or repository systems

E3 Extensive knowledge and track record of requirements gathering techniques for the implementation of IT solutions and services.

E4 Experience in data migration, data cleansing and normalisation

D1 Familiarity with applying WCAG 2.0 accessibility standards

### Job Related Skills and Achievements

E5 Experience developing in some of the following languages/toolsets: HTML, CSS, Javascript, SQL, PERL, Python

E6 Experience in the development of web services, understanding of SOAP and XML technologies, or previous use of externally provided APIs

D2 Experience with a variety of data formats and metadata standards common to library and repository systems

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D3 Experience working in a project team, using formal project management techniques (e.g. Prince2, Agile)

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### **Personal Attributes**

E7 A logical approach to problem solving, a keen analytical mind and the ability to produce innovative and creative solutions.

E8 Excellent oral and written communication skills and strong interpersonal skills

E9 Ability to self-manage and prioritise workload effectively

E10 A dynamic, flexible and customer focussed approach

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### **Other Relevant Factors**

D4 Professional awareness of developments in information services in Higher Education.

D5 Awareness of current trends and developments in open access and open data

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## **Application Procedure**

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Applicants are required to complete an application form including the name of three referees who will be contacted before interview without further permission, unless you indicate that you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter detailing the knowledge, skills and experience you think make you the right candidate for the job. Applicants should also complete the Equal Opportunities Monitoring Form.

## **Other Information**

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Further information on the application process and working at Strathclyde can be found on our website (<http://www.strath.ac.uk/hr/workforus>).

Informal enquiries about the post can be directed to Judith Smart, Senior Library Systems Analyst/Developer ([judith.smart@strath.ac.uk](mailto:judith.smart@strath.ac.uk)).

### **Conditions of Employment**

Conditions of employment relating to the Administrative and Professional staff category can be found at: [Conditions of Employment](#).

### **Rewards and Benefits**

Our staff have access to a wide range of outstanding benefits that include financial rewards, family friendly and wellbeing benefits and career development opportunities, details of which can be found [here](#).

### **Probation**

Where applicable, the successful applicant will be required to serve a 9 month probationary period.

### **Pension**

The successful applicant will be eligible to join the Universities' Superannuation Scheme. Further information regarding this scheme is available from [Payroll and Pensions](#).

### **Relocation**

Where applicable, the University offers a relocation package to support new employees who meet the eligibility criteria. The relocation package is offered as a contribution towards costs incurred, and is designed to be flexible, allowing staff to use the financial support available in the way that will be most helpful to them. Further details are outlined in the Relocation Policy.

### **Interviews**

Formal interviews for this post will be held on 07/01/2021.

### **Equality and Diversity**

We value diversity and welcome applications from all sections of the community.

The University currently holds a Bronze Athena SWAN award, recognising our commitment to advancing women's careers in science, technology, engineering, maths and medicine (STEMM) employment in academia.

### **University Values**

The University's Values capture what we're all about: who we are, what we believe in and what we stand for. [Our Values](#) have been derived from how we act and how we expect to be treated as part of Strathclyde.

