

Job Description: Project Officer

Faculty/Directorate/Service Area:	School of Medicine
Job Title:	Software Developer
Department/Subject:	Medicine
Salary:	Grade 7: £34,132 to £38,249 per annum together with USS pension benefits
Hours of work:	35 hours
Number of positions:	1
Contract:	This is a fixed term position until 31 st March 2027.
Location:	This position will be based at the Singleton Campus

Main Purpose of Post	<p>The SeRP (Secure eResearch Platform) is a technology set developed by the Population Data Science Group within the Swansea University Medical School. Swansea University work with organisations across the UK and globally, to enable access to knowledge and experience around the platform. SeRP facilitates the storing and secure access of research datasets for the purpose of assisting in research activity.</p> <p>The technical team within the Population Data Science Group develop solutions to support research activity and improve the accessibility to research datasets. This is achieved through exploration of the latest opportunities offered by open source and vendor-based products, with a development team focused on delivering solutions to meet the needs of the research community in the UK and globally.</p>
	<p><u>Responsibilities</u></p> <ol style="list-style-type: none"> 1. Responsibility for ICT systems development utilising either hardware or software skills including C#, .net core, Entity Framework, LINQ, MVC, monitoring, infrastructure dev, database management. 2. Undertaking system development activities in agreement with the CTO. 3. To produce written information in the form of technical and non-technical documentation for Windows development including standard operating procedures, planning documents and end user manuals. 4. To fully participate in IT team and Health Informatics group team meetings. 5. Assist in first and second line technical support where required. 6. Technical duties relating to a range of Health Informatics systems and project applications. 7. Work proactively as part of the technical team providing input into planning and delivery of services. 8. To creatively apply complex IT related problems and solving techniques.

	<ol style="list-style-type: none"> 9. To manage the introduction of new systems to users and provide support as necessary to new and old systems. 10. To abide by data and information protection accreditations. 11. To liaise and network with a wide range of staff and organisations to share and disseminate best practice. 12. To develop their IT skills and interests 13. Provide onsite training to ICT users and training workshops.
General Duties	<ol style="list-style-type: none"> 1. To fully engage with the University's Performance Enabling and Welsh language policies 2. To promote equality and diversity in working practices and to maintain positive working relationships. 3. To lead on the continual improvement of health and safety performance through a good understanding of the risk profile and the development of a positive health and safety culture. 4. Any other duties as directed by the Head of College / Department or their nominated representative expected within the grade definition. 5. To ensure that risk management is an integral part of any decision making process, by ensuring compliance with the University's Risk Management Policy
Professional Services Values	<p>All Professional Services areas at Swansea University operate to a defined set of Core Values - Professional Services Values and it is an expectation that everyone is able to demonstrate a commitment to these values from the point of application through to the day to day delivery of their roles. Commitment to our values at Swansea University supports us in promoting equality and valuing diversity to utilise all the talent that we have.</p> <p>Our values are:</p> <p>We are Professional</p> <p>We take pride in applying our knowledge, skills, creativity, integrity and judgement to deliver innovative, effective, efficient services and solutions of excellent quality.</p> <p>We Work Together</p> <p>We take pride in working in a proactive, collaborative environment of equality, trust, respect, co-operation and challenge to deliver services that strive to exceed the needs and expectations of customers.</p> <p>We Care</p> <p>We take responsibility for listening, understanding and responding flexibly to our students, colleagues, external partners and the public so that every contact they have with us is a personalised and positive experience.</p>

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Software Developer	<p><u>Software Developer at SeRP</u></p> <p>This is a post that will utilise either software skillsets, excellent for recent graduates or established IT professionals. Focussing their skills, working on 'Big Data' research systems.</p> <p>The post holder will be working on a range of developments that suit their skill sets to contribute to the running of high quality technical services that ensure current operations are managed and future development opportunities for the Health Informatics group are realised.</p> <p>Utilising their skills range in ICT development the post holder will work extensively with existing and new technical systems to enhance the operation of the Health Informatics technical team.</p> <p>Working on innovative research projects across the UK and internationally the post holders will have the opportunity to undertake computing work at the cutting edge of Data Science.</p> <p>The post holder will be able to apply their skillset to advanced projects such as Cloud computing and enterprise architecture as well as work in a dynamic team environment where they can further develop their skills learning new approaches and development methodologies such as SCRUM.</p>
Person Specification	<p><u>Essential Criteria:</u></p> <p>Values:</p> <ul style="list-style-type: none"> • Demonstrable evidence of taking pride in delivering professional services and solutions • Ability to work together in an environment of equality, trust and respect to deliver services that strive to exceed the needs and expectations of customers • Demonstrable evidence of providing a caring approach to all of your customers ensuring a personalised and positive experience <p>Qualification:</p> <ul style="list-style-type: none"> • Degree in Computer Science/IT or related fields or equivalent work experience <p>Experience:</p> <ul style="list-style-type: none"> • Experience of C#, .net core, Entity Framework, LINQ, MVC, Github

	<ul style="list-style-type: none"> • Linux/Windows development skills and experience • Experience of working in a team environment and independently <p>Knowledge and Skills:</p> <ul style="list-style-type: none"> • C#, .net core, Entity Framework, LINQ, MVC, Github • Database eg Postgres/SQL/Trino • Linux/Windows • Enterprise architecture • Network/server operating systems • Wider knowledge of the development community / Microsoft products / open source products • Excellent general ICT skills and abilities • Willingness to learn new technologies on areas specific to the role. • The ability to identify and develop options, using initiative to solve problems • Ability to work to deadlines • Excellent communication skills both written and oral • Excellent time management and organisational skills to meet project objectives • Must be willing to undertake SC level UK Government Security clearance <p>Desirable Criteria:</p> <ul style="list-style-type: none"> • Experience of working with a range of stakeholders (customers, vendors, partners and collaborators) across industrial and academic settings • Ability to author technical documentation. • Knowledge of Kubernetes
Welsh Language Level	Level 1 – ‘a little’ - pronounce Welsh words. Able to answer the phone in Welsh (good morning / afternoon). Able to use very basic every-day words and phrases (thank you, please etc.). Level 1 can be reached by completing a one-hour training course.
Additional Information	Informal enquiries: Hazel Lockhart-Jones h.m.lockhart@swansea.ac.uk Dr Justin Biddle j.biddle@swansea.ac.uk