

**SENIOR IT PROGRAMMER  
POSITION DESCRIPTION**

<b>Position Title:</b>	Senior IT Programmer	<b>Position Number:</b> 00018656	<b>Faculty/Division:</b> Health Sciences
<b>Classification:</b>	HEO7	<b>No. Direct Reports &amp; Highest Classified Position:</b> N/A	<b>School/Branch:</b> Translational Health Science
<b>FTE:</b> 1.0	<b>Reports to:</b> Senior Research Fellow - Collaboration	<b>Fixed</b> <input checked="" type="checkbox"/> <b>Continuing</b> <input type="checkbox"/>	<b>Discipline/Unit:</b> Joanna Briggs Institute
<b>Position Summary:</b>	<p>The University of Adelaide is a leading research-intensive and teaching University comprising five faculties including the Faculty of Health Sciences, which is home to the School of Translational Health Science (STHS), incorporating the Joanna Briggs Institute (JBI) and the Joanna Briggs Foundation (JBF).</p> <p>The Joanna Briggs Institute is an international not-for-profit Research and Development Organisation specialising in the development and delivery of evidence-based resources for healthcare professionals. With over 70 centres and groups, servicing over 90 countries, the Joanna Briggs Institute is a recognised global leader in Evidence-Based Healthcare.</p> <p>The Senior Information Technology Programmer will be involved in development and maintenance relating to Information Technology within the Institute. This includes developing and maintaining platforms and systems on which the JBI online tools and resources are accessible to healthcare professionals worldwide and taking part in IT Projects and Infrastructure within the Institute.</p>		
<b>Position Characteristics:</b>	<b>Scope</b>	Working under limited direction, the Senior IT Programmer works closely with the Solutions Architect and The IT Team. Reporting to the Director, Transfer Science, the Senior Information Technology Programmer will work closely with the Director and other IT staff in maintaining Information Technology within JBI, and the development of IT systems and resources to meet the organisation's purpose and objectives. This position is multi-faceted, delivering projects of significant sizes and complexity across a variety of technology domains.	
	<b>Significant internal/external relationships</b>	<ul style="list-style-type: none"> <li>▪ JBI Academic and Professional staff</li> <li>▪ JBI Directors and Executive Staff</li> <li>▪ Academic/research staff; the ICT team</li> <li>▪ JB Commercial Partners</li> <li>▪ External IT Consultants</li> <li>▪ Partners and Collaborators of JBI</li> <li>▪ University of Adelaide ITS</li> </ul>	
	<b>Special conditions</b>	Reasonable workplace adjustments will be made for people with a disability. Must be prepared to participate in Annual Review. Some out of hours work may be required on occasion.	
	<b>Delegations</b>	Nil	

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<b>Key Responsibilities and Outcomes</b>	1	Program applications	<ul style="list-style-type: none"> <li>▪ Extensive experience in a corporate level environment supporting multiple storage and operating system platforms</li> <li>▪ Senior knowledge of IT infrastructure</li> <li>▪ Excellent current knowledge of IT trends in server and storage technologies</li> <li>▪ Investigate and rectify program malfunctions</li> <li>▪ Program and implement IT systems</li> <li>▪ Configure and test applications and support facilities</li> <li>▪ Maintain and amend applications and support facilities</li> </ul>
	2	Software System support	<ul style="list-style-type: none"> <li>▪ Undertake software system design for both improvements to existing and new software support</li> <li>▪ Ability to deliver technology solutions to large projects as well as manages daily operational tasks</li> <li>▪ Contribute relevant technical knowledge and provide expert advice and training where required</li> </ul>
	3	Monitoring and Maintenance	<ul style="list-style-type: none"> <li>▪ Maintain and update JBI's online services and investigate and make recommendations for development</li> <li>▪ Contribute to the innovative use of contemporary and emerging technology in order to provide an improved and consistent web interface for the JBI</li> <li>▪ Provide and undertake the ongoing development and maintenance of the JBI's digital presence</li> </ul>
	4	Remedial work of existing software systems	<ul style="list-style-type: none"> <li>▪ As required, effectively and efficiently undertake remedial work of existing software systems</li> <li>▪ Ensure activities comply with JBI's policies and procedures.</li> </ul>
	5	Trouble shooting, including, but not limited to repair of application faults, weaknesses and coding errors	<ul style="list-style-type: none"> <li>▪ Provide advice and undertake troubleshooting in relation to issues identified within the JBI IT system and equipment</li> <li>▪ Provide informal support for staff and students as required.</li> <li>▪ Work as part of the IT team, participating in planning, policy and general JBI activities.</li> </ul>

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<b>Criteria</b>	<b>Capabilities and Behaviours</b>	Teamwork	<ul style="list-style-type: none"> <li>▪ Actively participates in team meetings through sharing ideas and contributing to discussions.</li> <li>▪ Supports team members to achieve their goals by sharing workloads.</li> <li>▪ Exercises tact, tolerance and humour to promote team harmony.</li> </ul>
		Flexibility and Adaptability	<ul style="list-style-type: none"> <li>▪ Shows flexibility in coping with multiple and changing priorities.</li> <li>▪ Adapts to changes in environment and work demands, working effectively with a variety of situations and people.</li> <li>▪ Adapts responses and tactics to fit changing circumstances.</li> <li>▪ Provides ideas for improvement and constructive input into change initiatives</li> </ul>
		Communication	<ul style="list-style-type: none"> <li>▪ Uses appropriate communication methods for effective interactions with a preference towards personal interactions.</li> <li>▪ Uses high level communication skills (clarifying questions, summarising, paraphrasing) to ensure their meaning is understood.</li> <li>▪ Is persuasive and confident in communicating ideas.</li> <li>▪ Negotiates win-win outcomes by exploring different positions and building consensus.</li> </ul>
		Continuous Learning	<ul style="list-style-type: none"> <li>▪ Identifies personal development needs and pursues self development through training and education.</li> <li>▪ Identifies possible solutions to solve an issue when raising it to the next level.</li> <li>▪ Reviews projects and activities to learn from successes and mistakes and implement improvements from the learning.</li> <li>▪ Encourages others to adopt flexible work practices.</li> </ul>
		Service Focus	<ul style="list-style-type: none"> <li>▪ Takes personal responsibility to resolve enquiries, requests or complaints.</li> <li>▪ Uses initiative in actively and promptly following up with clients to ensure satisfaction with the service.</li> <li>▪ Seeks and acts on client feedback.</li> <li>▪ Agrees expectations with client to ensure client understands service delivery timeframes.</li> </ul>

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	<p><b>Knowledge and Experience</b></p>	<ul style="list-style-type: none"> <li>▪ Development experience with proven practical and working knowledge at a senior level.</li> <li>▪ Excellent communication skills and the ability to translate between IT and the broader organisation objectives and stakeholders</li> <li>▪ Specialist IT expertise as per the following:</li> </ul> <p><b>Essential:</b></p> <ul style="list-style-type: none"> <li>▪ Development experience with proven practical and working (up-to-date) knowledge at a senior level in:</li> <li>▪ Java</li> <li>▪ JavaScript and JavaScript Frameworks (jQuery, AngularJS)</li> <li>▪ SQL</li> <li>▪ Agile/Test Driven Development</li> <li>▪ Working well in a collaborative development environment</li> <li>▪ Working autonomously without constant direction/supervision</li> <li>▪ Version control (e.g. Subversion, Git)</li> </ul> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>▪ Preference may be given to candidates with skills in the following areas:</li> <li>▪ Java Frameworks (Spring, Hibernate, Maven)</li> <li>▪ Architectural Concepts (RESTful, Event Driven)</li> <li>▪ NoSQL</li> <li>▪ Continuous Integration</li> <li>▪ UI/UX design experience</li> <li>▪ Cross platform experience (Linux/Mac OSX/Windows)</li> <li>▪ Experience using a modern IDE</li> <li>▪ Other scripting languages (Python etc.)</li> </ul>
	<p><b>Qualifications</b></p>	<ul style="list-style-type: none"> <li>▪ A Degree Qualification in Comp. Sc./I.T. or equivalent</li> </ul>
<p><b>Occupational Health, Safety and Welfare Requirements</b></p>		<ul style="list-style-type: none"> <li>• All Supervising staff are required to implement and maintain the University's OH&amp;S Management System in areas under their control ensuring compliance with legislative requirements and the established Performance Standards. All other staff will assist the Head of School/Branch to create and maintain a safe and healthy work environment by working safely, adhering to instructions and using the equipment provided in accordance with safe operating procedures. Where appropriate, staff will initiate and participate in worksite inspections, accident reporting and investigations, develop safe work procedures and provide appropriate information, instruction, training and supervision. Staff will also inform the Head of School/Branch of any unsafe working practices or hazardous working conditions.</li> </ul>

