MONASH University

Position description

Senior Analyst Programmer

Position number	50211020
Department/Unit	eSolutions
Faculty/Division	Chief Operating Officer and Senior Vice-President
Classification (salary rates)	HEW level 8
Employment type	Full-time
Work location	Blackburn Road, Clayton
Date document created or updated	24/01/2014

Organisational context

Monash is a university of transformation, progress and optimism.   Our people are our most valued asset, with our academics among the best in the world and our professional staff revolutionising the way we operate as an organisation.   For more information about our University and our exciting future, please visit www.monash.edu

eSolutions leads and directs the provision of IT solutions to the University. eSolutions is currently leading substantial technological, service and organisational reform towards creating a single IT function for the University that operates according to the following vision: We partner with our customers to provide complete solutions enabling the Monash academic mission and delivery of the strategic agenda. We aim to be a customer focused organisation delivering flexible, responsive, coherent ICT services. For more information on the work that we do, please visit our website: monash.edu/esolutions/

The Applications Solutions team is responsible for designing, creating, integrating, testing and technically documenting new and amended solutions. Applications Solutions also verifies IT solutions to confirm they perform as specified, and applies research and design strategies to ensure effective interaction between people and the applications.

Position purpose

The Senior Analyst Programmer will provide technical leadership and solutions design across the development, testing and maintenance of applications software.

- **Reporting line:** The position reports to the Development Lead who will provide broad supervision.
- **Supervisory responsibilities:** Not applicable.
- **Financial delegation and/or budget responsibilities:** Not applicable.

Key responsibilities

1. Contribute to the leadership of the team, participating in planning, reporting and continuous improvement initiatives. Deputise for the Development Lead as required.

2. Design, code, test and install applications programs either in one major language or in a range of programs across multiple platforms.

3. Lead the development of operating and system documentation.

4. Collaborate with users to evaluate IT applications and equipment requirements; develop and implement software that addresses user and University needs.

5. Ensure that systems are developed within agreed time frames and achieve necessary design and systems security standards. Monitor and update stakeholders throughout the project stages.

6. Keep abreast of emerging technologies and maintain up to date skills in line with industry best practice.

7. Provide technical mentoring and guidance to less experienced members of the applications development team.

8. Provide solutions design and subject matter expert to projects.

Key selection criteria

Education/Qualifications

1. The appointee will have:

    •   relevant post-graduate qualifications or progress towards post-graduate qualifications and extensive relevant experience, or
    •   extensive experience and management expertise, and
    •   ITIL Foundation Certification; or
    •   an equivalent combination of relevant experience and/or education/training.

Knowledge and Skills

2. Outstanding skills in one or more of the major programming languages (either 'legacy' or 'hot') such as C#, ASP.NET, Perl, PHP, Java, Scala, Oracle Forms & Reports, Oracle APEX, SAP ABAP and one of the major relational database packages such as SQL, MySQL and Postgres.

3. Supervisory skills and experience in providing leadership, mentoring or guidance to a team.

4. Extensive knowledge and experience working with open source programming.

5. Proven ability to accurately and independently interpret business requirements and translate in to well-designed programs.

6. Outstanding planning and organisational skills, including the ability to prioritise multiple tasks and meet deadlines.

7. Experience working in a matrix structure, where personnel and reporting lines vary depending on the projects allocated is highly desirable.

8. Experience working in the higher education sector is highly desirable.

Other job-related information

•   Travel (e.g. to other campuses of the University) may be required.
•   Out of hours work (including evenings, weekends and public holidays) may be required.
•   There may be peak periods of work during which the taking of leave may be restricted.

Legal compliance

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.

Organisational chart

Capability Manager

Solution Architect

Development Lead
Development Lead
Web Development Lead
Test Manager
UX Team Leader

Senior Analyst Programmer
Senior Analyst Programmer
Programmer
Senior Test Analyst
Senior UX Consultant

Senior Solution Designer
Senior Solution Designer
Analyst Programmer
Test Analyst

Analyst Programmer
Analyst Programmer
Web/Multimedia Graphic Designer

Solution Designer