

NATIONAL LIBRARY OF AUSTRALIA

JOB DESCRIPTION

Date Approved:

Position Number:

The advertised position is for an interface developer in the applications development area of the Information Technology division. This area is responsible for developing, deploying and maintaining applications and services that support and improve the Library's ability to fulfil its mission. The successful candidate will design and develop interfaces for web applications using current standards and technologies. This will involve working closely with application developers, business analysts, designers, users and other stakeholders to ensure that the interfaces satisfy functionality, usability, accessibility and aesthetic requirements.

The development environment has the following components:

- Interfaces: CSS, HTML, XML, JSP, Javascript, AJAX and XSLT
- Back-ends: Java, Perl, Ruby, PHP, Python, XSLT
- Databases: Oracle, MySQL
- Servers: Predominantly Sun running Solaris
- Desktops: PC, Mac
- Version control: Subversion

The Library makes extensive use of open source software and, where possible, releases the software it develops as open source, or contributes to existing projects. The Library encourages constant innovation and experimentation with new technologies and approaches and provides training and mentoring to support this.

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DUTY STATEMENT

Date Approved:

Position Number:

Classification: Executive Level 1
Division: Information Technology

Local Title: Senior Interface Developer

DUTIES

1. Design and develop interfaces for web applications.
2. Provide direction on, and contribute to, the maintenance and continual improvement of production application interfaces.
3. Conduct research and provide advice and analysis on web interface technologies and design principles.
4. Collaborate strategically with colleagues at the Library and partner institutions to help ensure the success of projects.

Duty representing highest function: 1

Immediate supervisor: Executive Level 2

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SELECTION CRITERIA

Date Approved: _____

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1. Knowledge and expertise

- Extensive experience as a web interface developer.
- Proven ability to work closely with stakeholders to develop interfaces that satisfy functionality, usability, and aesthetic requirements.
- Demonstrated skill in most or all of the technologies that comprise the development environment, as identified in the job description.

2. Personal skills/attributes

- Achieves high-quality results within required timeframes.
- Self-motivated, shows initiative and thinks strategically to promote change.
- A team player with the ability to motivate others.
- Has excellent written and verbal communication skills
- Builds productive working relationships and has strong interpersonal skills.

3. Knowledge of and commitment to Workplace Diversity, Industrial Democracy, Risk Management and Occupational Health and Safety in the workplace.

Division Head Approval _____

Date _____