



Job Details

Reference:	11267
Position Title:	SOFTWARE TEST ANALYST
Classification:	Executive Level 1 (Senior Information Technology Officer Grade C)
Salary range:	\$83,187 - \$89,828 plus an additional 15.4% superannuation
Location:	700 Collins Street, Docklands, Melbourne 3008
Division:	Systems
Branch:	Information Technologies
Section:	Software Systems and Services
Status:	Ongoing
Applicants:	Australian citizenship – see Essential Applicant Information
Applications close:	Thursday, 12 November 2009

Advertisement

The Bureau is seeking an experienced software test specialist to develop and co-ordinate the test program for its new graphical Forecast and Warning System. The primary responsibility will be to review the current test regime, to design and develop test plans, procedures and specifications and to manage and co-ordinate pre-release testing and special testing projects. You will be working as part of an experienced team of IT and meteorological professionals. The application is a significant new forecast and warning preparation system for public weather, severe weather, marine weather and fire weather forecasts and warnings. Knowledge of formal testing methodologies combined with practical hands-on skills will be highly regarded.

Duty Statement

Under limited direction,

1. Design, develop and document test plans and procedures, test cases and test specifications for the Next Generation Forecast and Warning System, in particular the GFE system.
2. Manage and co-ordinate pre-release test execution and reporting.
3. Design test tools and scripts, incorporating automated testing techniques and contribute to the development of test systems.
4. Advise on testing principles, methodologies and priorities.
5. Support the GFE Systems Manager in the development of plans, policies and standards.
6. Maintain an up-to-date knowledge of Information Technology techniques and industry developments, and their potential application to Bureau systems and operations.
7. Be aware of, and apply as necessary, the principles and practices of the various elements of the Bureau's Social Justice Strategy.

Duty representing highest function: 1

Immediate supervisor: EXECUTIVE LEVEL 2 (SITOA) (NO. 1074)

Job Profile

The Information Technologies Branch manages the national computing and communications programs of the Bureau of Meteorology. This position is located in the GFE Systems Group within the IT Branch Software Systems and Services Section.

The GFE (Graphical Forecast Editor) is a U.S. National Weather Service software system that provides a graphical interface used by forecasters to edit and manipulate weather elements stored in a gridded format. The grids are initialised with forecast model guidance. The GFE automatically generates worded forecasts and warnings from the edited GFE grids, thus streamlining the forecast production process and increasing the coverage and resolution of the Bureau's weather services. The edited grids are also merged to form the national Australian Digital Forecast Database which will form the foundation for a set of new web and data services for the Bureau. A pilot GFE system has been implemented in Victoria and the Bureau plans to rollout the system nationally over the next four to five years.

The occupant of this position will be a member of a team of senior I.T. staff responsible for GFE support and implementation services, and for several GFE development and enhancement projects. This role has a particular focus on quality assurance, and will be responsible for test planning, test specification and execution. The occupant will be expected to work closely with other GFE team members, who will assist with testing on a part-time basis.

An ability to play a lead role in the testing effort is important. Excellent analysis, planning, communication and teamwork skills are required, as well as flexibility and a willingness to learn new technologies.

Selection Criteria

Applicants must address the selection criteria. To assist you prepare your application, please read the information at [General Information for Applicants](#) and complete the Bureau of Meteorology Application Cover Form.

1. Broad I.T experience is required together with demonstrated specialist knowledge and experience in the testing of software systems.
2. Excellent test analysis and problem solving skills with the ability to develop test strategies, and techniques suited to the nature of the project.
3. Proven planning and co-ordination skills with the ability to work well as part of a team.
4. Demonstrated experience developing within Unix/Linux environments including the use of scripting languages, programming languages such as Python/PHP and software testing packages such as Cruise Control.
5. Ability to communicate clearly and effectively with IT and non-IT personnel both verbally and in writing.
6. A demonstrated knowledge and understanding of the Bureau's Social Justice Strategy and the APS Values and Code of Conduct and a commitment to their implementation in the workplace.

Eligibility Requirements: A degree or diploma from an Australian educational institution, or a comparable overseas qualification, which is appropriate to the duties is highly desirable.

Contact

If you would like to know more about the Bureau of Meteorology visit <http://www.bom.gov.au/>

Employment conditions for most Bureau employees are contained in the Bureau's Enterprise Agreement 2009-2010 which is available on the website at: [The Bureau of Meteorology Enterprise Agreement 2009–2010](#)

Please read the selection documentation and if you have any queries specific to this position please contact Andrew Amad-Corson on (03) 9669 4840.

Applications

Applications can be lodged personally at: Recruitment Unit, 7th Floor, 700 Collins Street, Docklands

By mail to: Recruitment Manager, Bureau of Meteorology, GPO Box 1289, Melbourne VIC 3001

By email to: jobs@bom.gov.au

All applicants are required to include a completed Bureau of Meteorology Application Cover Form, Résumé or CV and a Statement addressing the Selection Criteria.

All applicants are advised to read [General Information for Applicants](#) available on this web site before submitting their application.

Should you experience any difficulties with accessing information please contact the Recruitment Unit by email at: jobs@bom.gov.au or by telephone on 03 9669 4337 / 03 9669 4379 / 03 9669 4340.