



**Australian Government**  
 Department of Defence  
 Defence Science and  
 Technology Organisation

## Work at the cutting edge of science and technology

Join DSTO. We are an organisation at the forefront of international defence research. You will work with over 2000 people including Australia's brightest and most innovative scientists, engineers and IT specialists. Enjoy challenging work, excellent career development, a good super scheme, and family friendly work conditions in a high tech, civilian research environment.

### Operations Research Analyst

**APS Level 4-5 (S&T Level 3) \$46,437 - \$55,478**

**Reference no. 00109429**

**Located at HMAS Stirling near Rockingham.** You will provide programming support and collate and organise the data required for military operations research studies. This will include the implementation of models using computer code and spreadsheets, and the use of models and simulations as part of studies activities. You will also be required to contribute to the writing and general production of study reports.

The position requires:

- High level of professional scientific ability;
- Knowledge and experience of mathematical and statistical concepts and the implementation of these concepts using computer based tools;
- Demonstrated experience in problem solving and analysis;
- Ability to work well within a team;
- Strong written and oral communication skills.

A degree in Mathematics, Statistics, Physics or Computer Science would be highly desirable. Undergraduates in their final year are welcome to apply.

### Hardware/Software Developer

**APS Level 4-5 (S&T Level 3) \$46,437 - \$55,478**

**Reference no. 00109659**

**Located at HMAS Stirling near Rockingham.** You will undertake investigative and development activities covering a range of areas including; software and hardware architectural development, graphical user interfaces, algorithm implementation, parallel and distributed processing, system testing and technical risk assessments. This is an opportunity to join a team and make a contribution to the research and development needed to exploit open systems principles and architectures in the submarine sonar application domain.

The position requires:

- Ability to apply scientific and engineering principles and concepts to solving problems;
- Demonstrated competency in programming languages, including Java and C;
- Experience with Linux (or other Unix) programming environments;
- Demonstrated skills in Data Communications, Protocols and Networking;
- Initiative and self-motivation, good communication and interpersonal skills and the ability to cooperate and work well with others in the pursuit of team goals.

A degree in Computer Science, Software Engineering or Computer Systems Engineering would be highly desirable. Undergraduates in their final year are welcome to apply.

**For an information pack and application details:** Please refer to our website at [www.dsto.defence.gov.au](http://www.dsto.defence.gov.au). Alternatively, contact the Defence Service Centre on 1800 000 677 or email [dsc.recruitment@defence.gov.au](mailto:dsc.recruitment@defence.gov.au). Applicants must address the selection criteria contained in the information pack.

The employment package includes Australian Public Service conditions of service. Applicants must be able to satisfy the requirements of an appropriate security clearance and are required to meet conditions in relation to citizenship, character and medical fitness.

**Applications close: Thursday, 4 August 2005**

*Defence embraces workplace equity and diversity principles and provides a smoke free working environment.*

SACAS963

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 BOOKING DEADLINE .... Wed 20/07 @ 1pm  
 MATERIAL DEADLINE .... Thurs 21/07 @ 4pm

PUBLICATION ..... West Australian  
 SIZE ..... 22cm x 3col (97)  
 INSERTIONS ..... Sat 23/07/05  
 CLASSIFICATION ..... Professional Appts  
 SORT ..... N/A

JOB NUMBER ..... SACAS963

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