



Multiple eResearch Analyst Positions

Position Title:	eResearch Analysts
Position Reference Number:	[multiple]
Division	Research Services Division
Position Classification:	S&T3-4 (APS4/5-6)
Position Location:	Edinburgh SA, or Fisherman’s Bend VIC
Security Level:	NV2
Minimum Academic Qualification:	Bachelor degree or higher
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Academic Disciplines

Aerospace/ Aeronautical Engineering, Naval Architecture	Chemical, Radiological, Biological, Food sciences	Materials Science
Computer Sciences, IT, Software Engineering, Telecommunications	Mathematics and physics	Psychology and Social Sciences
Mechanical and Mechatronic Engineering (including robotics)	Electronic/ Electrical Engineering	Other

Position Overview

DST’s Information Management & Technology Branches (IM&T) provide specialised and advanced scientific computing solutions to keep DST at the forefront of Australian Defence innovation. They provide valuable research ICT services to Defence and National Security operations. IM&T are an integrated, multidisciplinary, e-Research capability, fostering a culture of excellence and strong client partnerships dedicated to providing services to meet DST research needs.

IM&T are establishing a new team of scientific computing eResearch analysts, embedded within DST’s scientific divisions, working in partnership with DST researchers to develop or deliver innovative research ICT solutions. This embedded e-Research team will accelerate DST researcher’s application of advanced scientific computing at the leading edge of engineering and data science. They will deliver to DST researchers and be part of expanding e-Research capabilities across the DST scientific domains, including maritime, land, aerospace, joint and intelligence.

Successful candidates will develop and apply expertise in our specialised fields of research ICT and the broader application of eResearch domain knowledge. All positions collaborate and partner closely with DST researchers to understand their priorities and to develop solutions to meet their scientific needs. They will use knowledge of or experience with contemporary service management practices such as Information Technology Infrastructure Library (ITIL). They will contribute to complex eResearch activities including researching, designing, developing, testing and installing solutions for defence research. They will employ professional judgement and initiative in recommending eResearch solutions to science problems in a security constrained environment. They will provide advanced support and troubleshooting for managed research projects, and interact and coordinate with vendors, suppliers, distributors and contract consultants.

This position is a Skills Framework for the Information Age (SFIA) level 5 ‘Ensure/ Advise. For more information about SFIA, please visit the website: <https://www.sfia-online.org/en>

Candidates will require a degree (or higher) qualification and experience in a computing discipline. They will also require experience in software development and Linux.

In addition, desirable experience or emerging knowledge in one or more of the following capabilities would be highly beneficial:

computational science, data science, big data, cloud engineering, software development, agile processes, scientific



POSITION DESCRIPTION

visualisation, automation or scientific workflows, data processing, data/text mining, artificial intelligence, machine learning or deep learning, software defined networking

Position Duties

eResearch Analysts will:

- Understand and be responsive to DST's research ICT needs across one or more of the Defence scientific domains facilitating access to advanced scientific computing infrastructure, software and services.
- Apply analytical skills to implement solutions that meet the evolving needs of DST researchers and work with them to anticipate their future requirements.
- Contribute to both DST research projects and IM&T scientific computing projects.
- Develop and maintain strong working relationships with DST researchers and the broader Information Management & Technology staff.
- Undertaking significant client engagement.
- Foster collaborative networks and engage in communities of practice to develop, deliver and share eResearch capabilities and advanced scientific computing knowledge with DST researchers and other eResearch professionals.
- Contribute to the further development of eResearch within DST.

Other Requirements

Positions may be exposed to data centre hazards, personal protection equipment will be provided. Some interstate travel and participation on scientific research trials will be required. Positions work as part of a dynamic team and there may be some peaks and troughs in the workload.

APPLY [HERE](#)*

***PLEASE NOTE:**

Applications are welcomed from candidates with **relevant computing qualifications** (ie, certificate, diploma, undergraduate, or post-graduate degrees). Please note, to be eligible, candidates **will require 2 or more years demonstrated industry experience**, and some positions require industry accreditations.

Applications are to be submitted through the **DST "Early Career Researcher"** application portal. As an ICT professional you will work alongside DST researchers and contribute towards DST's scientific innovations and research outcomes.