POSITION DESCRIPTION

Position Title:	**All-Source Data Scientist**
Position Reference Number:	ECRNSID013
Division	National Security & Intelligence, Surveillance & Reconnaissance Division
Position Classification:	S&T3-4 (APS4/5-6)
Position Location:	Edinburgh, South Australia
Security Level:	PV
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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

Intelligence analysts seek to extract meaning from, and fuse, relevant information from all available sources to address Australia's intelligence priorities. They are challenged by the volume, velocity and variety of that information, and seek innovative analytics to help them improve their situation awareness for decision making purposes. Intelligence Analytics branch is seeking an enthusiastic professional with expertise in software agents, knowledge representation, fusion & automated reasoning and their application to multiple disparate data feeds. We undertake world-leading research in explainable artificial intelligence applied to information fusion, and collaborate with international partners to significantly enhance the capabilities of the Australian Intelligence Community. Your drive, innovation and critical thinking, working alongside clients, academia and industry, will contribute directly to those capabilities.

Position Duties

Under limited direction, you will be responsible for:

1. Innovative application of best practice artificial intelligence techniques to disparate structured and unstructured data to address client problems and priorities.
2. Research and development of applicable artificial intelligence techniques to improve their performance, scalability and explainability.
3. Development and maintenance of relationships with key Australian and international research centres in applications of artificial intelligence.
4. Leadership of work packages within small multidisciplinary teams.

Other Requirements

The successful candidate will need to apply for a TSPV upon commencement.