# Technical Services – CSOF5

Role summary for potential applicants

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| Advertised Job Title**:** | Data Specialist |
| Reference Number**:** | 58304 |
| Classification**:** | CSOF5 |
| Salary Range: | AU $97K to AU $105K plus up to 15.4% superannuation |
| Location**:** | Perth (Kensington), WA |
| Tenure: | Indefinite |
| Relocation assistance**:** | Will be provided to the successful candidate if required. |
| Applications are open to: | Australian Citizens Only  Australian Citizens and Permanent Residents Only   * All Candidates |
| Functional Area**:** | Technical Services |
| % Client Focus - Internal: | 50% |
| % Client Focus - External: | 50% |
| Reports to the: | Data Services Manager |
| Number of Direct Reports: | 0 |

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| **Role Overview:** |
| The role of Technical Staff in CSIRO is to provide support for scientific research across a diverse range of research projects. This support consists of the application of accepted technical practices and the development of new practices. The Pawsey Supercomputing Centre is an unincorporated joint venture comprising CSIRO and the public Western Australian Universities. Since 2000, this partnership has managed infrastructure and research engagement projects funded at both the state and federal levels. Throughout this period, staff at the centre have provided expertise in the use of its supercomputing, visualisation, high speed storage, and data transfer capabilities.  As a member of the Data and Visualisation Team at the Pawsey Supercomputing Centre, the Data Specialist will advise and support services relating to data science and data workflows. This will involve a high level of engagement with the research community to support existing services, gather feedback for service enhancements, research emerging technologies of interest, and promote uptake in strategic domain areas. The successful candidate will be working in a team to deliver services, resolve issues, evaluate pilot projects and assist with deployment of new services. An essential part of this role will involve service delivery in a multidisciplinary research environment and prior experience will be highly regarded. |

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| **Duties and Key Result Areas:** |
| * Engage with researchers to advise on application workflows for data processing, analysis and collaboration. * Facilitate the effective management of research data that is generated, stored and/or served using Pawsey resources. * Research and trial new technologies and new service offerings in data services. * Assist in the planning, deployment, and promotion of new data services. * Maintain expertise on data-centric tools, standards, and methodologies with multidisciplinary application. * Contribute to planning strategy on research domain engagement. * Develop and run training and promotional events targeting specific research groups and/or domains. * Engage with other providers of research data services around Australia and internationally to seek collaborative opportunities for service enhancement. * Communicate effectively and respectfully in the interests of good business practice, collaboration, and enhancement of CSIRO’s reputation. * Work collaboratively with colleagues within your team, the broader CSIRO, and across partner institutions to reach objectives. * Adhere to the spirit and practice of CSIRO’s Values, Health, Safety and Environment plans and policies, Diversity initiatives, and Zero Harm goals. * Other duties as directed. |

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| **Selection Criteria:** |
| *Under CSIRO policy only those who meet all essential criteria can be appointed*  ***Pre-Requisites:***   1. **Education/Qualifications:** A degree in a relevant scientific discipline. 2. **Communication:** Excellent communication skills, both written and oral, including the ability to anticipate the interests and knowledge level of an audience and present information and feedback accordingly**.** 3. **Behaviours:** A history of professional and respectful behaviours and attitudes in a collaborative environment. 4. **Adaptability:** The ability to effectively manage a number of competing priorities simultaneously, and carry out non-routine tasks under limited direction from Senior Technical/Research staff. 5. **Problem Solving:** Proven ability to investigate underlying issues of complex and ill-defined problems and develop appropriate responses by adapting/creating and testing alternative solutions.   ***Essential Criteria:***   1. Experience with data workflows, data analysis, and the management of complex data sets. 2. Proven ability in communicating and engaging with academic researchers. 3. Track record in delivering data services to the research community. 4. Proven ability to develop technical training and documentation. 5. Demonstrated ability to work with independence and self-motivation within a team environment.   **Desirable Criteria:**   1. Knowledge of machine learning tools and techniques. 2. Familiarity with the OpenStack cloud platform. 3. Familiarity with HPC environments.   **As Australia’s Innovation Catalyst, CSIRO has strategic actions underpinned by behaviours aligned to**:   * Excellent science * Inclusion, trust & respect * Health, safety & environment * Delivery on commitments.   **In your application and at interview you will need to demonstrate alignment with these behaviours.**  ***Other special requirements:***  To be eligible for this position you must be willing and able to travel interstate to deliver training. |

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| **Other Information:** |
| **How to Apply**  Please apply for this position online at <https://jobs.csiro.au/> and enter requisition number **58304**. Internal applicants please apply via ‘Jobs Central’ in SAP (click ‘Recruitment’).  Please load your CV and cover letter (Maximum 2MB). You may also be required to respond to some screening questions.  If you experience difficulties applying online call 1300 984 220 for assistance. Outside Australian business hours please email: [careers.online@csiro.au](mailto:careers.online@csiro.au).  **Referees**: Please provide contact details of two previous supervisor or academic/professional referees in your resume/CV.  **Contact:** If after reading the position details above you require more information please contact:  Dr Sean Flemingvia email: Sean.Fleming@csiro.au  Please do not email your application directly to Dr Fleming. Applications received via this method will not be considered.  **About CSIRO**  Australia is founding its future on science and innovation. Its national science agency, the Commonwealth Scientific and Industrial Research Organisation (CSIRO) is a powerhouse of ideas, technologies and skills for building prosperity, growth, health and sustainability. It serves governments, industries, business and communities across the nation.  Find out more! [www.csiro.au](http://www.csiro.au).  The **Pawsey Supercomputing Centre** is a world-class supercomputing centre in Kensington, Western Australia. It hosts new facilities, expertise and infrastructure to support advanced research in astronomy and geoscience.  Find out more! <https://www.csiro.au/en/Research/Facilities/Pawsey-Supercomputing-Centre> |