Research Projects – CSOF6

Role summary for potential applicants

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| Advertised Job Title**:** | Senior User Experience Designer |
| Reference Number**:** | 45725 |
| Classification: | CSOF6 |
| Salary Range: | AU $109,474 to AU $128,282 plus up to 15.4% superannuation |
| Location**:** | Canberra, ACT or Sydney, NSW |
| Tenure: | Specified Term of 6 months |
| Relocation assistance**:** | Will be provided to the successful candidate if required |
| Applications are open to: | [ ]  Australian Citizens Only[x]  Australian Citizens and Permanent Residents Only* [ ]  All Candidates

*For Specified Term positions, we will accept applications from Temporary Residents with working rights for the length of the term, who do not require sponsorship.* |
| **Functional Area:** | Research Projects |
| **% Client Focus - Internal:** | 50% |
| **% Client Focus - External:** | 50% |
| Reports to the: | User Experience Group Leader |
| Number of Direct Reports: | 0 |

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| **Role Overview:** |
| The role of Research Projects staff in CSIRO is to collaborate in scientific activities with other research staff usually by assisting with detailed planning, undertaking or assisting with experimental and observational work, and in carrying out the more practical aspects of the work. At senior levels, Research Projects staff may be involved in providing consulting services, science management and/or industry liaison.Data61 is the largest data innovation group in Australia. Bringing together CSIRO's Productivity team and National ICT Australia (NICTA), we are unrivalled in our intellectual capital and our network with the global technology marketplace. The combined group will bring together approximately 600 research staff working in digital technologies to create benefit for Australia. Data61 will continue to develop Australia's future leaders with its strong 300+ PhD student program in collaboration with our best universities across Australia. As a senior user UX designer in the Engineering & Design program, you will work closely with software engineers, researchers and our User Experience team to build products from Data61 research and technology and produce innovative products for commercial and government customers. At Data61 every project we work on represents some new technology, data or ideas that will benefit the Australian community and economy.You will work alongside PhD students from our partner universities and staff from other companies and government bodies who are collaborating with Data61 on projects including in open data, privacy, cyber security and more.A strong, demonstrated understanding of current technical best practice, as well as usability and accessibility principles are essential for this role. Strong communication skills will also be highly regarded, as you will often be the link between our UX team and the application developers working on a project.  |

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| **Duties and Key Result Areas:** |
| * Lead User Experience research, solution design and validation for a lean development team specialising in open data platform innovation.
* Gather and communicate user insights to a small engineering team
* Create solutions for feasibility exploration and validation with users
* Contribute to product development decisions
* Manage your own time, present findings and work to various stakeholders for buy-in or feedback
* Maintain high ethical and performance standards
* Communicate effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work as part of a multi-disciplinary, often regionally dispersed research team, to carry out tasks autonomously in support of scientific research.
* Work collaboratively with colleagues within your team, the business unit and across CSIRO, to reach objectives.
* Set-up and/or maintain effective and efficient work teams, allocate and manage resources and undertake staff performance management and career development.
* Choose appropriate management strategies and communication styles to maintain high levels of motivation and productivity, give feedback for development purposes and provide support and direction for improvement, as required.
* Adapt and/or develop original experimental methods/equipment/ software/concepts/ideas in support of existing and further research.
* 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:**** **Education/Qualifications:** ABachelor degree in Computer Science or in a related scientific or engineering discipline or equivalent commercial experience in software engineering.
* **Communication:** High-level 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.
* **Behaviours:** A history of professional and respectful behaviours and attitudes in a collaborative environment.
* **Adaptability:** The ability to effectively manage a number of competing priorities simultaneously, and carry out non-routine tasks independently.
* **Problem Solving:** Proven ability to investigate underlying issues of complex and ill-defined problems and develop appropriate responses through abstract thinking and using creative solutions.

***Essential criteria***1. Ability to lead user experience research, including conducting interviews, surveys, light ethnographic, test planning/facilitation, and reporting.
2. Demonstrated experience in solution exploration, including sketches, wireframes, and interactive prototyping.
3. High levels of communication demonstrated through previous envisioning, report writing, delivering presentations, and briefing.
4. Experience working in an agile/lean team.

***Desirable criteria***1. Understanding of data and metadata standards, in particular with respect to geospatial data
2. Understanding of modern software architectural principles, including APIs and micro services
3. Understanding of open data principles and initiatives
4. Experience with designing for information search and discovery systems
5. Experience with data visualisation

Data61 is a values based organisation. Our leaders will be expected to demonstrate the following values: **Great Impact:** We focus our valuable resources on areas where we can lead globally and have large impact for Australia, to aid our future prosperity and independence.  **Mastery:** We are fearless, curious and we improve every day. We strive to excel in research, technology and business, and to work with the best in the world.  **Co-Creation of Value:** Everything we do involves co-creation with our network: team, customers and partners. Generously empowering their success is central to our success.  **Ownership of Results:** We jointly hold ourselves accountable for our actions. We do this via trust and commitment.**People and their Differences:** We embrace the creativity that comes from the diversity of our people.**Agility and Flexibility:** We view the changing world as an opportunity. This requires agility and flexibility in everything we do; everything changes, except our constant desire to adapt.**Tell it Straight, with Respect:**We say what we mean, mean what we say, and do not mislead, obfuscate or spin. We're direct and always respectful.**CSIRO is a values based organisation. You will need to demonstrate behaviours aligned to our values of:*** Integrity of Excellent Science
* Trust & Respect
* Creative Spirit
* Delivering on Commitments
* Health, Safety & Sustainability

***Other special requirements:****Appointment to this role may be subject to conditions including security/medical/character clearance requirements. Applicants who are not Australian Citizens or Permanent Residents may be required to undergo additional security clearance processes; which may include medical examinations and an international standardised test of English language proficiency (i.e. IELTS test).-* [*http://www.ielts.org/default.aspx*](http://www.ielts.org/default.aspx) |

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| **Other Information:** |
| **How to Apply**Please apply for this position online at [www.csiro.au/careers](http://www.csiro.au/careers). You may be asked to provide additional information (online) relevant to the selection criteria. If so, then responding will enhance your application so please take the time to provide relevant succinct answers. Applicants who do not provide the information when requested may not be considered.If you experience difficulties applying online call 1300 984 220 and someone will be able to assist you. Outside business hours please email: careers.online@csiro.au. **Referees**: If you do not already have the names and contact details of two previous supervisors or academic/ professional referees included in your resume/CV please add these before uploading your CV.**Contact:** If after reading the selection documentation you require further information please contact:Hilary Cinisvia email: hilary.cinis@data61.csiro.auPlease do not email your application directly to Hilary Cinis. 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). **About DATA61:** In today’s data-focused world, there’s no doubt that numbers count.  [Data61](http://www.data61.csiro.au/) are the largest data innovation group in Australia, a connector that brings together technology innovators, businesses and universities to transform Australian industry and to help solve our greatest challenges. A CSIRO business, we are creating our data-driven future.Find out more! <http://www.data61.csiro.au/> |