Research Software Engineer

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Company: Bright Horizons Family Solutions

Location: Canberra

Category: other-general

Classification: ANU Officer 7 (Technical)Salary package: $97,707 - $102,600 per annum plus 17% superannuationTerm: Full-time, continuing contingent funding (appointment for up to 36 months)

Working at ANUThis is an opportunity to work with a world class University that undertakes cutting edge research and has a strong tradition in research-led teaching excellence.

We offer:

Flexible working arrangements including hybrid arrangements working both on our beautiful, green campus and working remotely,

Generous paid parental leave entitlements of up to 32 weeks. We are one of the leading employers in Australia for parental leave entitlements,

Designated parent rooms, quiet spaces and childcare facilities on campus,

Career support, training, mentoring & upskilling opportunities.

For more information on a range of lifestyle, financial and non-financial rewards and programs, please click here.

To see what the Science at ANU community is like, we invite you to follow us on social media at Instagram Jand Facebook.

A Diverse and Inclusive TeamANU is introducing measures to support the recruitment, inclusion and retention of employees with disability. To find out more, please click here.

ANU is a large, diverse employer with staff working across numerous professions (see the full list of available roles here. We are a recipient of the bronze award through the Science in Australia Gender Equity (SAGE) program and a platinum member of the Australian Network on Disability. We welcome applications from people of all backgrounds and identities and from individuals who may have had a non-linear career path, career gaps or career breaks.

The PositionThe Research Software Engineer will be based at the Research School of Earth Sciences (RSES), ANU College of Science. The position will focus on supporting the endeavours of the Computational & Observational Geodynamics and Groundwater research groups, and will be supervised by Professor Rhodri Davies (Computational & Observational Geodynamics) and Dr Sia Ghelichkhan (Groundwater). The successful candidate will also work closely with software developers (nationally and internationally) from the G-ADOPT development team, and staff at the National Computational Infrastructure (NCI), based at the ANU. The Software Engineers will be expected to work collegially, leading by example to develop and maintain effective, productive, and beneficial workplace relationships within the all-academic and professional School and College staff, students and honorary appointees, as well as with industry stakeholders.

The Research Software Engineer will be a member ofResearch School of Earth Sciences(RSES). RSES is Australia's leading academic research institution for Earth and Marine Sciences, and ranked 11th in the world for Earth and Marine Sciences (QS World University Rankings by Subject 2023). To find out more about the RSES community, check out our Twitter and Instagram.

We have a reputation for international leadership and innovation, focused on developing new methods, whether experimental, analytical or computational. Our research spans the range from solid earth evolution to climate processes, and from 21st century resources to climate change impact.

We operate iconic and state-of-the art instrumentation supported by highly trained professional staff, offering an unrivalled world-class research environment.

Our cutting-edge research provides an unparalleled environment for high-quality research training of our graduate students. Our people and facilities are also the foundation for our vision to deliver world-class research-led undergraduate teaching in the Earth Sciences.

We are committed to offering a nurturing environment for the School's early career researchers. Our culture is one of inclusivity and respect and we encourage everyone to embrace these values as expressed in our culture statement.

The PersonThe candidate requires postgraduate qualifications or progress towards a postgraduate degree in physics, mathematics, computer science, engineering, Earth sciences or a related area or extensive experience (more than three years) in software development in a scientific environment or an equivalent combination of relevant experience and education/training. Experience with finite element and/or finite volume methods is highly desirable, as is experience with Firedrake and/or PETSc. Your ability to lead by example, coupled with excellent communication and interpersonal skills, will enable you to foster respectful and productive working relationships with staff, students and colleagues at all levels within RSES in line with the RSES Culture Statement.

Learn more about the ground-breaking research and work class facilities of the Research School of Earth Sciences here.

For more information about the position please contactProf Rhodri Davies or Dr Sia Ghelichkhan. Email: rhodri.davies@anu.edu.au / siavash.ghelichkhan@anu.edu. Phone: +61 2 6125 7789

To ApplyTo be considered for this position, please upload the following documents:

A current curriculum vitae (CV), and

No more than a two-page summary addressing your suitability against the selection criteria.

The committee will consider candidates that do not meet one or more aspects of the selection criteria.

If you require adjustments to participate in any of the above assessments, please contact our HR team at E: hr.cos@anu.edu.au. Any adjustment request or the disclosure of disability will not be communicated to the selection committee without the candidates consent and it will not having any bearing on hiring decisions.

For examples of common reasonable adjustments please click here.

The successful applicant must have rights to live and work in this country and will be required to undergo a background check during the recruitment process. An offer of employment is conditional on satisfactory results.

#J-18808-Ljbffr

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