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| **POSITION DETAILS** |
| **Position Title:** | Associate Professor Industrial AI |
| **Position Number:** | 00026296 |
| **Classification:** | Level D  |
| **Faculty/Division:** | Faculty of Science, Engineering and Technology (SET) |
| **School/Branch:** | Australian Institute for Machine Learning (AIML) |
| **Reports to (position title):** | Director AIML |
| **Significant Working Relationships:** | Director AIML Head of School, Computer & Mathematical SciencesExecutive Dean, SETPro-Vice Chancellor Research Leadership team in AIML |

***Role summary***

The University of Adelaide and the State Government of South Australia have co-invested in the Australian Institute for Machine Learning (AIML) to appoint an academic research leader of international standing to join the Australian Institute for Machine Learning (AIML) and contribute to AIML’s strategic priorities of expanding its academic excellence and growing new research-intensive industry partnerships.

Reporting to the Director of AIML, the appointee will be required to establish and build a dynamic research program in computer vision or machine learning. Their research outputs will have national and international impact and be of a scope and scale that ensures trans-disciplinary collaboration across the wider academic community and enhances industry engagement both nationally and globally.

The Australian Institute for Machine Learning is the largest computer vision and machine learning research group in Australia, with over 180 members including academics, engineers, research staff and students. AIML works on a mixture of fundamental and commercially orientated research projects in computer vision, natural language processing and machine learning. This newly-developed concentration of expertise and facilities has given rise to an exciting and unique opportunity to lead R&D programs aimed at the development of the next wave of innovation. This role will be core to maintaining a world-leading capability in computer vision and machine learning at the University of Adelaide.

The University of Adelaide is committed to proactively addressing cultural and structural impediments to equity throughout the organisation. In order to grow and strengthen the talent pipeline, our Dornwell Framework pledges to actively source and encourage more women into our recruitment processes. AIML is strongly committed to supporting diversity and flexibility in the workplace. Applications for part-time or other flexible working arrangements will be welcomed and will be fully considered subject to meeting the inherent requirements of the position.

***Capabilities and behaviours***

* Ability to shape strategic thinking and change.
* A record of achieving results.
* Ability to forge collaborative relationships and engage others.
* Strict adherence to the University’s [Behaviour and Conduct Policy and Procedures](https://www.adelaide.edu.au/hr/hr-handbook/behaviour-conduct).
* Commitment to the University’s principles of [diversity and inclusion](https://www.adelaide.edu.au/hr/organisational-development/diversity-and-inclusion).

**KEY ROLES AND RESPONSIBILITIES**

**Research Leadership and Innovation**

* Develop and implement innovative, collaborative and multi-disciplinary research programs with new and existing local, national and global partners.
* Contribute to knowledge through internationally renowned scholarship, evidenced by publications in highly regarded peer-reviewed international journals and peer recognition.
* Obtain nationally competitive research grants as the lead investigator and/or funding opportunities from government organisations, industry partners and/or diversified research streams.
* Lead and encourage an environment of creativity and innovation in AIML and engage with the broader academic and professional community to promote and enhance the national and international profile of AIML and the University.

**People Leadership**

***In alignment with the University’s and AIML’s Strategies and Plans***

* Contribute to the development of a high performance culture within AIML, clearly articulating performance expectations, encouraging collaboration and commitment to agreed shared objectives.
* Work with the Director AIML to promote a one-team culture built on respect, trust, understanding, shared accountability and purpose.
* Lead by example by preparing effectively for regular Planning, Development and Review meetings with staff, to provide clarity in expectations, to support and monitor performance, and to enable staff development.
* Actively promote strategies and processes to ensure an equitable and inclusive workplace that respects and values diversity.

**SELECTION CRITERIA** – **for appointment at Level D**

**Essential criteria**

1. A PhD in the field of computer science or an equivalent qualification;
2. A research track record of international distinction and sustained excellence in machine learning, computer vision or artificial intelligence, evidenced by recent high-quality research outputs and peer recognition;
3. Demonstrated ability to develop research programs of scope and scale, supported by research funding;
4. Demonstrated ability to forge meaningful external relationships with a diverse range of non-academic partners and industry;
5. Demonstrated ability to attract and supervise postgraduate students, as evidenced by timely completions;
6. A record of academic leadership and contributions to strategic development;
7. A commitment to the principles of equity, diversity, and inclusion.

**Desirable criteria**

1. Evidence of developing research partnerships with industry;
2. Substantial record of success in delivering quality teaching and curriculum design at the tertiary level and responsibility as course coordinator;
3. Evidence of an inspirational leadership style that promotes a culture of engagement, collaboration, commitment and performance.

**Professorial Leadership**

Professorial leadership extends to community affairs, particularly those related to the discipline, and to professional, commercial and industrial sectors where appropriate. Professors are expected to be exemplary leaders of both academic and professional staff, and role models in their relationships with students and with academic and professional staff at all levels. Professorial leaders are visible and accessible within their school, actively develop others and enthusiastically take part in the community life of the University, including attending graduation ceremonies.

**Personal values and attributes - Essential**

1. Passionate and unequivocal commitment to excellence and ongoing improvement of performance in higher education;
2. Excellent interpersonal skills and capacity to work effectively with the Director of AIML and senior officers of the University;
3. Evidence of altruistic leadership, with a commitment to equity, diversity and inclusion and reconciliation;
4. Exemplary personal qualities fully aligned with our institutional values of integrity, respect, collegiality, excellence and discovery;
5. Energy, tenacity and sound judgement.