

Position Title	Lecturer
Group/Portfolio	Griffith Sciences/School of Information and Communication Technology
Classification	Lecturer (Level B)
Position Number	00062887 and 00062888
Reports To	Head of School
Employment Type	Fixed term

1.0 Position Purpose

The occupant is required to engage in research, teaching, and publication within the field of Data Science, focusing on specialties such as Graph Machine Learning, Data-Centric AI, Time Series Analysis, or Large Language Models, particularly applied to water resource engineering and coastal/ocean dynamics. This role is responsible for conducting independent and/or collaborative research projects and overseeing postgraduate research students.

2.0 Eligibility Requirements

- The occupants will hold a doctoral or masters qualification of equivalent accreditation and standing and/or significant progress towards completion of a doctoral degree in AI, machine learning (ML), and natural language processing (NLP).

3.0 Key Responsibilities

This position description incorporates the full scope of academic responsibilities for this level. Actual expected responsibilities are applied in accordance with individual work profiles and in consultation with the incumbent's Academic Supervisor.

- Foster an outstanding student experience and encourage active participation and engagement in learning and teaching across the spectrum of the University's undergraduate, and postgraduate program suite facilitating high quality, student-centred learning activities.
- Continuously improve teaching practice through professional development and critical reflection informed by a range of evaluation approaches
- Support high quality learning and teaching strategies that facilitate improved student retention, employability and successful outcomes for students.
- Foster innovation and a future-focused approach to support high quality learning and teaching outcomes for students evidenced by technology enhanced learning, problem

oriented, authentic learning and assessment practices.

- Provide educational contributions through responsibility for academic courses.
- Contribute to the advancement of knowledge through a balanced research portfolio of high-quality outputs that demonstrate impact.
- Undertake and publish high quality research in the areas of graph machine learning, data-centric AI, time series analysis, or large language models at top machine learning venues, including NeurIPS, ICLR, and TKDE.
- Contribute to external funded projects by developing high impact responsible AI prototype software, toolsets, and documentations.
- Ensure consistently high-quality experiences and outcomes are achieved for higher degree research (HDR) candidates.
- Support a student-centred service culture and establishment of positive, respectful and supportive relationships between staff and students.
- Develop meaningful and impactful partnerships with the broader community, by actively engaging and collaborating with external stakeholders.
- Contribute to the enhancement of the School/Department standing and reputation by promoting educational and research activities with external communities.
- Promote and enhance student learning experiences through engagement with industry and broader community to develop work integrated learning opportunities and support employability initiatives.
- Support, ensure and maintain compliance with relevant legislation and University policies and procedures, including equity and health & safety and exhibit good practice in relation to same.
- Be a leading example of the principles and values embodied in the University's Code of Conduct, and behave, act and communicate at all times to reflect fairness, ethics and professionalism.

4.0 Key Capabilities

- Griffith University identifies the attributes of resilience, flexibility, creativity, digital literacy and entrepreneurship as critical to our graduates' success, in the rapidly changing future world of work. We have established a Griffith University Capability Development Framework to provide a common language of some of the non-technical organisation skills that will support our staff to thrive now and into the future. The Capability Development Framework will assist you to understand the current skill level of this position in the non-technical but critical skill domains that are increasingly important in a changing workplace context.

To read about some of the non-technical organisation skills for this position, please see the Leads Self section of our [Capability Development Framework](#).