POSITION DESCRIPTION

Lecturer

Position Level	Level B
Faculty/Division	Engineering
Position Number	00093335
Original document creation	19/05/2021

Position Summary

The School of Computer Science and Engineering is one of the largest and most prestigious computing schools in Australia. It offers undergraduate programs in Software Engineering, Computer Engineering, Computer Science and Bioinformatics, as well as a number of combined degrees with other disciplines. It attracts excellent students who have an outstanding record in international competitions. At the postgraduate level there is a large PhD research program and coursework programs at the Master's and Graduate Diploma level in Computing and Information Technology and at Graduate Certificate level in Computing. Our research mission is to be at the forefront of research into new and exciting innovations with profound national and international impact. For further information about the School, please visit http://www.cse.unsw.edu.au/

The purpose of this role is to conduct independent research and deliver excellent teaching in the area of artificial intelligence systems applied to autonomous system.

A Level B Academic is expected to carry out activities to develop their scholarly reearch and professional activities both nationally and internationally and to contribute significantly to achieving the teaching and service missions of the School and Faculty.

The role of Lecturer reports to the Head of School, and has nil direct reports.

Accountabilities

Specific responsibilities for the role include:

- Conducts research of high quality and high impact including attainment of competitive government and industry research funding and publication of outcomes in high quality research outlets.

- Deliver high quality teaching and student experience utilising sound pedagogical methodologies and innovative technologies and from time to time, deliver teaching across a broad engineering discipline.

- High quality supervision of major honours and postgraduate research projects.

- Actively engage with industry and the community to develop significant productive relationships, attract industry funding and participate in professional activities.

- Work collaboratively with peers across the Faculty and UNSW in all aspects of academic endeavour and contribute to mentoring of other staff.

- Involvement in broad administrative functions of the School and/or University, coordination of subjects, attend departmental and/or faculty meetings, involvement in Open Days and recruitment activities and play a major role in planning and/or committee work or other responsibilities, as directed by the Head of School.

- Align with and actively demonstrate the UNSW Values in Action: Our Behaviours and the UNSW Code of Conduct.

- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others.

Skills and Experience

- PhD (or soon to be awarded) in artificial intelligence systems related to autonomous systems, computer science and engineering or related area.

- Demonstrated ability to conduct high quality research in artificial intelligence systems applied to autonomous systems.

- Demonstrated track record in research with outcomes of high quality and high impact with clear evidence of the desire and ability to continually achieve research excellence as well as the capacity for research leadership.

- Demonstrated ability and willingness to deliver high quality and innovative teaching and student experience to both undergraduate and postgraduate students.

- A track record of significant involvement with the profession and/or industry.

- High level communication skills and ability to network effectively and interact with a diverse range of students and staff.

- Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.

- Willingness to undertake any compliance and supervisor training as required.

- An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.

- Ability and capacity to implement required UNSW health and safety policies and procedures.

PRE EMPLOYMENT CHECKS REQUIRED FOR THIS POSITION

Verification of qualifications

About this document

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.