POSITION DESCRIPTION

Senior Research Associate/
Post-Doctoral Fellow

Faculty/Division	UNSW Canberra
Classification Level	Academic B
Hours & Span (Category)	ACADEMIC POSITION NO SPAN
Position number	Click or tap here to enter text.
Shiftwork status	NOT SHIFTWORKER
Allowances	N/A
On call arrangements	N/A
Original document creation	16 October 2024

Position Summary

A Senior Research Associate/Post-Doctoral Fellow (Level B) is expected to carry out independent and/or team research within the field in which they are appointed and to carry out activities to develop their research expertise relevant to their particular field of research.

The position will work in a high-performing multidisciplinary team working across artificial intelligence, ethics, computer vision, generative AI and simulations, international humanitarian law, digital system engineering, machine learning, and measurements and metrics. The project aims at creating autonomous testing systems to assess military systems' performance when faced with challenging ethical contexts. The project has seven work-packages covering different components of the research and development plan. As a team member, you will play a pivotal role by owning one or more tasks within a work-package.

Accountabilities

Specific accountabilities for this role include:

- Engage in individual and/or collaborative research in a manner consistent with disciplinary practice.
- Create scholarly impact in the discipline which is recognised by peers in the advancement of disciplinary knowledge.
- Meet projects' milestones on time and at the highest level of quality.
- Communicate efficiently and respectfully with team members and effectively reach mutually agreeable solutions.
- Contribute effectively and productively to a culture of higher performing teaming.
- Understand and comply with project specific confidentiality requirements.

- 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

- A PhD in Ethics of Technology, Science and Technology Studies (STS), Applied Ethics, or a related discipline, and/or relevant work experience.
- Proven commitment to proactively keeping up to date with discipline knowledge and developments.
- Demonstrated track record of research accomplishments as a self-motivated individual who aspires to produce novel and cutting-edge research in applied ethics, value sensitive design, standards development, or closely related areas with a focus on technology, preferably for military applications.
- Demonstrated experience in working on applied ethics related to AI, autonomous systems, robotics, and/or related fields, preferably in a military context.
- 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.
- Evidence of experience and/or knowledge of and/or ability to work on some or all of the following: systems engineering ontology design, metric design, scenario design, multi-aspectual systems thinking.
- Ability to work on a project that requires high levels of planning and organizational skills to meet tight deadlines.
- 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.
- Demonstrated ability to communicate and interact with a diverse range of stakeholders and students.
- An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

Pre-employment checks required for this position

- Verification of qualifications – If applicable
- Criminal History Check
- Identification Check
- Australian Work Rights Check

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.