Australian National University	**Position Description**

College/Division:	ANU College of Engineering and Computer Science
Faculty/School/Centre:	Research School of Computer Science
Position Title:	Lecturer
Classification:	Academic Level B
Position No:	
Responsible to:	Director, Research School of Computer Science

PURPOSE STATEMENT:

The ANU College of Engineering and Computer Science (CECS) is dedicated to enhancing The Australian National University's reputation for excellence in research and research-led education. It is at the leading edge within numerous fields, including logic, algorithms and data, signal processing, artificial intelligence, computer vision and robotics, programming languages, computational mechanics, materials, fabrication, software systems, human-centred and affective computing, renewable energy, automation and control, networked systems, and quantum cybernetics.

The Research School of Computer Science brings together the best and brightest researchers, scholars and fosters a vibrant culture that prepares our students for a career in a field central to progress in nearly all aspects of life in the 21st century.

The purpose of these appointments is to:

- strengthen the Research School of Computer Science across all areas;
- improve the quality of education programs, in particular developing new innovative programs to reimagine computer science education in the 21st Century;
- increase collaborations with industry and government through identification of areas of mutual research interest and solve specific challenges;
- contribute to the strategic priorities of the Research School of Computer Science and the enduring mission of ANU.

These positions will support the School in achieving its' strategic goals within the College and across the ANU, including operational management of research program(s), leadership in delivery of educational programs, supervision of students and early career researchers, engaging with industry, and generating funding support for research through both internal and external mechanisms.

POSITION DIMENSION AND RELATIONSHIPS:

While this position is accountable to the Director, Research School of Computer Science, the appointee will liaise with relevant professional and academic staff members within the Research School of Computer Science and the ANU and the wider research community to enhance cross-disciplinary collaborations. The appointee is expected to undertake independent research activities that are aligned with the School's strategic priorities that emphasise transformational, relevant and translational research.

As an academic member of the Research School of Computer Science the appointee will be required to contribute to the overall intellectual life of the School, College and University. This includes contribution to research, education and outreach agendas of the School both nationally and internationally in a manner that is appropriate to the level of appointment.

Role Statement:

In their role as an Academic Level B the Lecturer is expected to:

1. Undertake high impact research in an area strategically complementary to the existing strengths in the School with a view to publishing original and innovative results in refereed journals, present research at academic seminars and at national and international conferences, and collaborate with other researchers at a national and/or international level
2. Actively seek and secure external funding including the preparation and submission of research proposals to external funding bodies.
3. Contribute to the teaching activities of the School at the undergraduate and graduate levels support student learning and engagement, and support a collegiate and collaborative learning environment. Tasks include, but are not limited to, the preparation and delivery of lectures, tutorials and learning experiences, the preparation of online learning resources, marking and assessment, consultations with students, acting as subject coordinators and the initiation and development of course/subject material.
4. Actively contribute to the operation of the School such as through committee memberships.

5. Establish relationships with industry, government and the wider research community to enhance cross-disciplinary collaborations and support the translation of research outcomes into applications.
6. Supervise students working on individual or group projects at undergraduate, honours, graduate-coursework levels. Assist with supervision of research students.
7. Supervise less senior academic staff and research support staff in your research area.
8. Assist in outreach activities including to prospective students, research institutes, industry, government, the media and the general public.
9. Maintain high academic standards in all education, research and administration endeavours.
10. Comply with all ANU policies and procedures and in particular those relating to work health and safety and equal opportunity.
11. Other duties as required consistent with the classification level of the position.

Skill Base

A Level B academic will undertake independent teaching and research in their discipline or related area. In research and/or scholarship and/or teaching a Level B academic will make an independent contribution through professional practice and expertise and coordinate and/or lead the activities of other staff, as appropriate to the discipline.

A Level B academic will normally contribute to teaching at undergraduate, honours and postgraduate level, engage in independent scholarship and/or research and/or professional activities appropriate to their profession or discipline. The academic will normally undertake administration primarily relating to their activities at the institution and may be required to perform the full academic responsibilities of and related administration for the coordination of an award program of the institution.

SELECTION CRITERIA (Academic Level B)

1. A PhD in Computer Science, or related discipline, with a potential for impact within the field, whether demonstrated through academic outputs, industry research and development experience, industry engagement, entrepreneurship or other suitable measures.

2. A strong orientation to collaborative research, team-based projects and interdisciplinary activities and interests.

3. Evidence of the ability to articulate and prosecute innovative research in the field of Computer Science and a vision for the research opportunities at the ANU.

4. Evidence of the ability to undertake teaching or other education activities to a high standard.

5. An ability and commitment to win bids for competitive external funding to support individual and collaborative research activities.

6. Ability and willingness to teach at all levels.

7. The ability to supervise and graduate high quality PhD/Masters research students

8. Excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students and colleagues at all levels.

9. The ability to undertake administration and service to the School and the University

10. A demonstrated high-level understanding of equal opportunity principles and a commitment to the application of these policies in a University context.

References: Academic Minimum Standards

College/Division:	College of Engineering and Computer Science
Faculty/School/Centre:	Research School of Computer Science
Position Title:	Senior Lecturer
Classification:	Academic Level C
Position No:	
Responsible to:	Director, Research School of Computer Science

PURPOSE STATEMENT:

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The purpose of these appointments is to:

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- improve the quality of education programs, in particular developing new innovative programs to reimagine computer science education in the 21st Century;
- increase collaborations with industry and government through identification of areas of mutual research interest and solve specific challenges;
- contribute to the strategic priorities of the Research School of Computer Science and the enduring mission of ANU.

These positions will support the School in achieving its' strategic goals within the College and across the ANU, including operational management of research program(s), leadership in delivery of educational programs, supervision of students and early career researchers, engaging with industry, and generating funding support for research through both internal and external mechanisms.

KEY ACCOUNTABILITY AREAS:
POSITION DIMENSION AND RELATIONSHIPS:

While these positions are accountable to the Director, Research School of Computer Science, the appointees will liaise with relevant professional and academic staff members within the Research School of Computer Science and the ANU and the wider research community to enhance cross-disciplinary collaborations.

The appointees are expected to undertake independent research activities that are aligned with the School's strategic priorities that emphasise transformational, relevant and translational research.

As an academic member of the Research School of Computer Science the appointee will be required to contribute to the overall intellectual life of the School, College and University. This includes contribution to research, education and outreach agendas of the School both nationally and internationally in a manner that is appropriate to the level of appointment.

Role Statement:

In their role as ANU academic level C in the Research School of Computer Science the appointees will be expected to:

1. Undertake high impact independent research in an area strategically complementary to the existing strengths with a view to publishing original and innovative results in international refereed journals, present research at academic seminars and at national and international conferences, and collaborate with other researchers at a national and/or international level.
2. Actively seek and secure external funding including the preparation and submission of research proposals to external funding bodies.
3. Make a strong contribution to the teaching activities of the School at the undergraduate and graduate levels, support student learning and engagement, and support a collegiate and collaborative learning environment. Tasks include, but are not limited to, the preparation and delivery of lectures, tutorials and learning experiences, the preparation of online learning resources, marking and assessment, consultations with

students, acting as a subject coordinator, the initiation and development course/subject material and actively lead overall curriculum development in the discipline.

4. Actively contribute to all aspects of the operation of the School and College such as through committee memberships.
5. Establish relationships with industry, government and the wider research community to enhance cross-disciplinary collaborations and support the translation of research outcomes into applications.
6. Supervise students working on individual or group projects at undergraduate, honours, graduate-coursework levels. Supervision of research students.
7. Lead, supervise and develop less senior academic and research support staff in your research area.
8. Actively contribute to all aspects of the operation of the School and College. This may include, but not limited to, representation through committee membership and taking on administrative roles such as discipline chairs.
9. Lead outreach activities including to prospective students, research institutes, industry, government, the media and the general public.
10. Maintain and actively promote high academic standards in all education, research and administration endeavours.
11. Take responsibility for their own workplace health and safety and not wilfully place at risk the health and safety of another person in the workplace.
12. Other duties as required consistent with the classification level of the position.

Skill Base

A Level C academic will make a significant contribution to the discipline at the national level. In research and/or scholarship and/or teaching they will make original contributions, which expand knowledge or practice in their discipline.

A Level C academic will normally make a significant contribution to research and/or scholarship and/or teaching and administration activities of an organisational unit or an interdisciplinary area at undergraduate, honours and postgraduate level. The academic will normally play a major role or provide a significant degree of leadership in scholarly, research and/or professional activities relevant to the profession, discipline and/or community and may be required to perform the full academic responsibilities of and related administration for the coordination of a large award program or a number of smaller award programs of the institution.

SELECTION CRITERIA (Academic Level C)

1. A PhD in Computer Science or related discipline, with demonstrated impact within the field, whether through academic outputs, industry research and development experience, industry engagement, entrepreneurship or other suitable measures.

2. A strong orientation to collaborative research, team-based projects and interdisciplinary activities and interests.

3. A track record of articulating and prosecuting innovative research in the field of Computer Science and a vision for the research opportunities at the ANU.

4. A record of winning bids for competitive external funding to support individual and collaborative translational research activities.

5. Evidence of effective teaching at all levels and to a high standard, and the ability to contribute to setting the education agenda in Computer Science.

6. A track record of successfully supervising and graduating high quality PhD/Masters research students

7. Excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students and colleagues at all levels.

8. Demonstrated experience undertaking administrative and service roles to support the School and the University.

9. A demonstrated high-level understanding of equal opportunity principles and a commitment to the application of these policies in a University context.

References: Academic Minimum Standards

College/Division:	ANU College of Engineering and Computer Science
Faculty/School/Centre:	Research School of Computer Science
Position Title:	Associate Professor
Classification:	Academic Level D
Position No:	
Responsible to:	Director, Research School of Computer Science

PURPOSE STATEMENT:

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- strengthen the Research School of Computer Science across all areas;
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- increase collaborations with industry and government through identification of areas of mutual research interest and solve specific challenges;
- contribute to the strategic priorities of the Research School of Computer Science and the enduring mission of ANU.

These positions will support the School in achieving its' strategic goals within the College and across the ANU, including operational management of research program(s), leadership in delivery of educational programs, supervision of students and early career researchers, engaging with industry, and generating funding support for research through both internal and external mechanisms.

KEY ACCOUNTABILITY AREAS:
POSITION DIMENSION AND RELATIONSHIPS:

While these positions are accountable to the Director, Research School of Computer Science, the appointees will liaise with relevant professional and academic staff members within the Research School of Computer Science and the ANU and the wider research community to enhance cross-disciplinary collaborations. The appointees are expected to undertake independent research activities that are aligned with the School's strategic priorities that emphasise transformational, relevant and translational research.

As an academic member of the Research School of Computer Science the appointee will be required to contribute to the overall intellectual life of the School, College and University. This includes contribution to research, education and outreach agendas of the School both nationally and internationally in a manner that is appropriate to the level of appointment.

Role Statement:

In their role as ANU academic level D in the Research School of Computer Science the appointees will be expected to:

1. Undertake high impact independent research with a view to publishing original and innovative results in international refereed journals, present research at academic seminars and at prestigious international conferences, and collaborate with other researchers at an international level.
2. Actively seek and secure external funding including the preparation and leadership of major multi-party collaborative research proposals e.g. Centres of Excellence.
3. Make an outstanding contribution to the teaching activities of the School at the undergraduate and graduate levels by creating impact and legacy in teaching and learning across the institution, and contributing to pedagogy. Tasks include, but are not limited to, the preparation and delivery of lectures, tutorials and learning experiences, marking and assessment, consultations with students, acting as a subject coordinator, the initiation and development course/subject material and actively lead overall curriculum development in the discipline and across the College.

4. Actively contribute to all aspects of the operation of the School, College and University such as through taking on administrative leadership roles.
5. Establish relationships with industry, government and the wider research community to enhance cross-disciplinary collaborations and support the translation of research outcomes into applications.
6. Supervise students working on individual or group projects at undergraduate, honours, graduate-coursework levels. Supervision of research students.
7. Lead, supervise and develop less senior academic and research support staff in the School.
8. Actively contribute to all aspects of the operation of the School, College and University more broadly. This may include taking on leadership, broad supervisory roles and administrative roles such as Associate Director (Education) or Associate Director (Research).
9. Lead and initiate community outreach activities including to prospective students, research institutes, industry, government, the media and the general public.
10. Maintain and actively promote high academic standards in all education, research and administration endeavours undertaken by the School, the College and the University.
11. Comply with all ANU policies and procedures and in particular those relating to work health and safety and equal opportunity.
12. Other duties as required consistent with the classification level of the position.

Skill Base
A Level D academic will normally make an outstanding contribution to the research and/or scholarship and/or teaching and administration activities of an organisational unit, including a large organisational unit, or interdisciplinary area.
A Level D academic will make an outstanding contribution to the governance and collegial life inside and outside of the institution and will have attained recognition at a national or international level in their discipline. The academic will make original and innovative contributions to the advancement of scholarship, research and teaching in their discipline.

SELECTION CRITERIA (Academic Level D)

1. A PhD in Computer Science, or related discipline, with a strong track record of impact within the field, whether through academic outputs, industry Research and Development experience, industry engagement, entrepreneurship or other suitable measures together with a record of developing and maintaining collaborations with world leading researchers and institutes and by other measures such as prestigious awards, invitations to give keynote addresses at leading conferences, elite membership of professional institutes etc.

2. Highly demonstrated orientation to collaborative research, team-based projects and interdisciplinary activities and interests.

3. An outstanding track record of articulating and prosecuting innovative research in the field of Computer Science and a compelling vision for research opportunities at the ANU.

4. A strong record of leading and winning bids for competitive external funding to support individual and collaborative translational research activities, and the ability to identify similar opportunities for others to pursue and to provide mentoring in the process.

5. Evidence of effective teaching at all levels and to a high standard, and of leadership in teaching and education, including the ability to take a leadership role in setting the education agenda of the School.

6. A track record of successfully supervising and graduating high quality PhD/Masters research students as evidenced by, for example, the subsequent positions held by these students.

7. Ability to provide academic leadership and to mentor and develop colleagues to achieve goals.

8. Excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students and colleagues at all levels.

9. A track record of administrative and service roles with demonstrated leadership in these areas.

10. A demonstrated high-level understanding of equal opportunity principles and a commitment to the application of these policies in a University context.

References: Academic Minimum Standards