THE UNIVERSITY OF
MELBOURNE

School of Computing and Information Systems
Faculty of Engineering and Information Technology

Lecturer / Senior Lecturer / Associate Professor / Professor (Computing and Information Systems)

POSITION NO	0062190
CLASSIFICATION	Lecturer (Level B) / Senior Lecturer (Level C) / Associate Professor (Level D) / Professor (Level E)
SALARY	Level B: $114,645 - $136,136 p.a.
	Level C: $140,433 - $161,926 p.a.
	Level D: $169,094 - $186,288 p.a.
	Level E: $217,805 p.a.
	(pro-rata for part-time)
SUPERANNUATION	Employer contribution of 17%
WORKING HOURS	Full-time / part-time
BASIS OF EMPLOYMENT	Tenure Track
OTHER BENEFITS	https://about.unimelb.edu.au/careers/staff-benefits
HOW TO APPLY	Online applications are preferred. Go to http://about.unimelb.edu.au/careers, select the option 'Discover Opportunities' then find the position by title or number.
CONTACT FOR ENQUIRIES ONLY	Professor Adrian Pearce, Tel +61 4 30294425 Email adrianrp@unimelb.edu.au
	Please do not send your application to this contact

For information about working for the University of Melbourne, visit our website:
about.unimelb.edu.au/careers

Acknowledgement of Country

The University of Melbourne acknowledges the Traditional Owners of country throughout Australia. The University recognises the unique place held by Aboriginal and Torres Strait Islander peoples as the original custodians of country and their continued connection to the land, waterways, songlines and culture. The University respects all Aboriginal and Torres Strait Islander People and warmly embrace those students, staff, Elders, and collaborators who identify as First Nations.

Commitment to Diversity and Inclusion

The Faculty of Engineering and Information Technology (FEIT) is committed to creating a diverse and inclusive environment that welcomes and values all people. We recognise that diversity is essential in contributing to the success of FEIT. Women, Aboriginal and Torres Strait Islanders, the LGBTIQ+ community, people living with disability and those from a culturally and linguistically diverse background, are strongly encouraged to apply.

Position Summary

The University of Melbourne is seeking expressions of interest from academics to within the School of Computing and Information Systems (CIS). Your field of research will fall in the disciplines of computer science, software engineering or information systems.

This is a teaching and research (T&R) position in the School of CIS, which is located within Melbourne Connect, a thriving digital ecosystem. Applications are invited from both dynamic early-career academics as well as outstanding academics with an established research leadership track record. Outstanding candidates in other areas of research of interest to the school may also be considered. You will have a passion for transformational research, and you will make a significant contribution to the teaching, research and administration of the School of Computing and Information Systems. You will teach in graduate and undergraduate programs and take on administrative roles commensurate with the position.

You will join a world-class research group and you will have the opportunity to practice your field of research and interact closely with our internationally respected research groups. You will be an aspiring leader in research, with ambition to publish in high quality conferences or journals, mentor research students and secure independent grant funding to support a program of research. Active collaboration with other research groups in the School and the Faculty of Engineering and Information Technology is encouraged, as is interaction with industry and government agencies.

You will have the opportunity to work closely with our research centres include the Centre for AI & Digital Ethics (CAIDE), the Academic Centre of Cyber Security Excellence, the Melbourne Centre for Data Science, the ARC Training Centre for Cognitive Computing in Medical Technologies, and the ARC Training Centre in Optimisation Technologies, Integrated Methodologies and Applications (OPTIMA), and the Centre for Digital Transformation of Health. You will also have the opportunity to collaborate with colleagues from other disciplines, such as (but not limited to) the School of Mathematics and Statistics, the School of Physics, the Faculty of Medicine, Dentistry and Health Sciences, Melbourne Business School, School of Agriculture, Food and Ecosystem Sciences, the Faculty of Business and Economics, Faculty of Arts and Music, and the Faculty of Law.

The Faculty of Engineering and Technology 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.

1. Selection Criteria

1.1 ESSENTIAL

- A PhD in computer science, software engineering or information systems or another relevant discipline;
- A track record of quality research as evidenced by research publications in leading conferences or journals commensurate with opportunity;
- Demonstrated ability to perform independent research and a commitment to interdisciplinary research;
- Experience with undertaking collaborative research projects as part of a team across institutions and/or disciplines especially in the areas computer science, software engineering or information systems;
- Capacity to teach effectively across a range of subjects, including the capacity to develop and deliver seminars and lectures and contribute to other teaching activities;
- Excellent oral and written communication skills, including the ability to interact with university staff at all levels and to build networks with industry and other researchers, both local and international;
- Ability to work as part of a team, and build rapport with all levels of staff within a diverse work environment; and
- Capability for collaboration and interaction with industry.
- Experience in obtaining competitive research funding, either individually or as part of a team;

1.2 DESIRABLE FOR LEVEL B / ESSENTIAL FOR LEVEL C AND ABOVE:

- Experience in supervising graduate students and/or research assistants;
- Experience in the successful completion of ethics applications and submission of grant applications;
- Practical experiences working with industry and research institutes related to research opportunities;
- A track record in attracting research funding from competitive grant agencies and other sources including industry;
- Experience in curriculum development and implementation at undergraduate and postgraduate level that will maintain the school's programmes at the highest international standards.

1.3 IN ADDITION TO THE ABOVE FOR APPOINTMENT AT LEVEL C:

- Drive, energy, and a vision for building and leading a world-class program in your field in computing and information systems;
- Evidence of building a national reputation in one field of computer science, software engineering or information systems, through a significant track record of publications in

high-impact peer-reviewed and refereed venues, and invitations to speak at national and international meetings;

- Evidence of leadership of a research team, with demonstrated ability to manage collaborative projects and research activities, involving the management of personnel, timelines and budgets, and relationships with various stakeholders;

- Exceptional oral and written communication and interpersonal skills with the ability to establish and maintain effective working relationships that inspire students and staff and other members of the School, University, and wider community;

- Capacity to develop an international funding profile.

1.4 IN ADDITION TO THE ABOVE FOR APPOINTMENT AT LEVEL D:

- A proven track record in high-quality research leadership, including leadership of interdisciplinary teams, and effective management of research and other staff;

- A proven track record in teaching in computer science, software engineering or information systems;

- A proven track record in leadership in computer science, software engineering or information systems within university, industry and/or government,

- A demonstrated relevant world-class track record of high-quality research and scholarship in computer science, software engineering or information systems, as evidenced by research publications in high-quality journals, conferences and technical reports as well as other performance indicators;

- Demonstrated ability to initiate, manage and maintain significant inter-institutional collaborations;

- A proven track record of developing and maintaining strong links with relevant industry, philanthropy (e.g., NGOs), and government;

1.5 IN ADDITION TO THE ABOVE FOR APPOINTMENT AT LEVEL E:

- A distinguished high-profile international standing in computer science, software engineering or information systems within university, industry and/or government, as evidenced by the creation of impact for society and/or business value for the economy;

- A distinguished world-class track record of high-quality research and scholarship in computer science, software engineering or information systems, as evidenced by research publications in high-quality journals, conferences and technical reports as well as other performance indicators;

- A distinguished, world-class track record of developing and maintaining strong links with relevant industry, philanthropy (e.g., NGOs), and government;

1.6 SPECIAL REQUIREMENTS OF THE ROLE

- This position requires the incumbent to hold a current and valid Working with Children Check.

- Occasional work out of ordinary hours, travel, etc.

2. Key Responsibilities

2.1 TEACHING AND LEARNING

- Teach subjects to a standard that delivers a high-quality learning experience for students, as directed by the Head of School or Deputy Head of School (Academic);

- Conduct lectures and tutorials at undergraduate and postgraduate level including engagement in teaching innovation and improvement;

- Develop and innovate high quality subject materials and subject delivery, including the use of web resources as appropriate;

- Preparation of project work to support student learning;

- Performing marking and assessment duties and be responsible for supervision of project marking in subjects as lecturer-in-charge;

- Provide adequate access for students, and availability for effective student consultation that fosters their learning;

- Being proactive in the development of subject materials and delivery, including the use of web resources as appropriate;

- Act as Subject Coordinator with responsibility for the design, development, coordinated delivery and ongoing improvement of that subject and keep the Teaching Liaison Coordinator informed of changes to personnel and/or requirements;

- Supervise undergraduate, graduate, or postgraduate students engaged in coursework or smaller research projects;

- Contribute to the continued improvement of teaching quality through engagement with the colleagues regarding teaching practices and the ongoing review of subject and assessment materials to enhance student learning.

2.2 RESEARCH AND RESEARCH TRAINING

- Provide a significant degree of scholarly research initiative and collaboration in the discipline of computing and information systems;

- Exercise leadership in scholarly research, in conjunction with other colleagues;

- Presentation of research workshops and seminars within the school;

- Publishing of papers in reputable international conferences or journals;

- Significant role in research projects including, where appropriate, leadership of a research team;

- Attainment of external research grant income both from national competitive grants as well as from industry engagement;

- Supervision of PhD, research masters, and coursework research projects;

2.3 ENGAGEMENT

- Active participation in professional activity including consulting, workshops and short courses for external participants and participation in meetings of professional societies; and

- Significant role in knowledge transfer and community engagement activities beyond the university.

- Actively build and foster partnerships with industry, government, collaborators at other Universities and other stakeholders that contribute to the engagement of teaching and research in the wider community engagement;

- Take a leading role in the school to actively foster and participate in industry liaison activities consistent with the school's business plan;

- Participation in School activities such as student events and school visits;

- Drive and lead School committees and/or projects as required;

- Contribute to the scholarly practices in the professional community through active involvement which could include liaison with peak professional organisations for the benefit of students and the school.

3. Equal Opportunity, Diversity, and Inclusion

The University is an equal opportunity employer and is committed to providing a workplace free from all forms of unlawful discrimination, harassment, bullying, vilification, and victimisation. The University makes decisions on employment, promotion, and reward on the basis of merit.

The University is committed to all aspects of equal opportunity, diversity, and inclusion in the workplace and to providing all staff, students, contractors, honorary appointees, volunteers, and visitors with a safe, respectful, and rewarding environment free from all forms of unlawful discrimination, harassment, vilification, and victimisation. This commitment is set out in the Advancing Melbourne strategy that addresses diversity and inclusion, equal employment opportunity, discrimination, sexual harassment, bullying and appropriate workplace behaviour. All staff are required to comply with all University policies.

The University values diversity because we recognise that the differences in our people's age, race, ethnicity, culture, gender, nationality, sexual orientation, physical ability, and background bring richness to our work environment. Consequently, the People Strategy sets out the strategic aim to drive diversity and inclusion across the University to create an environment where the compounding benefits of a diverse workforce are recognised as vital in our continuous desire to strive for excellence and reach the targets of Advancing Melbourne.

4. Occupational Health and Safety (OHS)

All staff are required to take reasonable care for their own health and safety and that of other personnel who may be affected by their conduct.

OHS responsibilities applicable to positions are published at:

https://safety.unimelb.edu.au/people/community/responsibilities-of-personnel

These include general staff responsibilities and those additional responsibilities that apply for Managers and Supervisors and other Personnel.

5. Other Information

5.1 THE SCHOOL OF COMPUTING & INFORMATION SYSTEMS

The School of Computing & Information Systems (CIS) undertakes research and teaching across a range of information technology disciplines including Software Engineering, Information Systems, and Computer Science. CIS is the most highly ranked School of Computing and Information Systems in Australia according to all major rankings (THE, QS, ARWU). It offers a comprehensive range of IT and IS courses at all levels, including offerings in science, engineering, and business, and is at the forefront of computing research in Australia and internationally with close links to major computing research initiatives, including Melbourne Bioinformatics, CSL, The Cremorne Digital Hub and CSIRO's DATA61.

The school's aim is to attract and retain outstanding staff available in order to maintain its lead in research and teaching. We have an existing highly successful research team in the area of the appointment, a large number of PhD students, and a substantial cohort of graduate students in our coursework master's programs.

To find out more about CIS, visit: http://www.cis.unimelb.edu.au/

5.2 FACULTY OF ENGINEERING AND INFORMATION TECHNOLOGY

The Faculty of Engineering and Information Technology (FEIT) has been the leading Australian provider of engineering and IT education and research for over 150 years. We are a multidisciplinary School organised into three key areas; Computing and Information Systems (CIS), Chemical and Biomedical Engineering (CBE) and Electrical, Mechanical and Infrastructure Engineering (EMI). FEIT continues to attract top staff and students with a global reputation and has a commitment to knowledge for the betterment of society.

FEIT has never been better positioned as a global leader, anchored in the dynamic Asia Pacific region, creating and curating knowledge to address some of the world's biggest challenges. Through our students and our relationships with communities, we can not only respond to society's needs but anticipate and create engineering and IT solutions for the future.

https://eng.unimelb.edu.au/
https://eng.unimelb.edu.au/about/join-feit

Our ten-year strategy, FEIT 2025, is our school's commitment to bring to life the University-wide strategy Advancing Melbourne and reinforce the University of Melbourne's position as one of the best in the world.

To achieve our ambitions, we will continue to build new infrastructure to enable our teaching, research, and engagement; we continue to recruit outstanding people from around the world; and we continue to attract high-quality students from across the globe who are at the heart of our enterprise.

https://eng.unimelb.edu.au/about/feit-2025

5.3 THE UNIVERSITY OF MELBOURNE

Established in 1853, the University of Melbourne is a leading international university with a tradition of excellence in teaching and research. The main campus in Parkville is recognised as the hub of Australia's premier knowledge precinct comprising eight hospitals, many leading research institutes, and a wide-range of knowledge-based industries. With outstanding performance in international rankings, the University is at the forefront of higher education in the Asia-Pacific region and the world.

The University employs people of outstanding calibre and offers a unique environment where staff are valued and rewarded.

Further information about working at The University of Melbourne is available at http://about.unimelb.edu.au/careers

5.4 ADVANCING MELBOURNE

The University's strategic direction is grounded in its purpose. While its expression may change, our purpose is enduring: to benefit society through the transformative impact of education and research. Together, the vision and purpose inform the focus and scale of our aspirations for the coming decade.

Advancing Melbourne reflects the University's commitment to its people, its place, and its partners. Our aspiration for 2030 is to be known as a world-leading and globally connected Australian university, with our students at the heart of everything we do.

- We will offer students a distinctive and outstanding education and experience, preparing them for success as leaders, change agents and global citizens.

- We will be recognised locally and globally for our leadership on matters of national and global importance, through outstanding research and scholarship and a commitment to collaboration.

- We will be empowered by our sense of place and connections with communities. We will take opportunities to advance both the University and the City of Melbourne in close collaboration and synergy.

- We will deliver this through building a brilliant, diverse, and vibrant University community, with strong connections to those we serve.

The means for achieving these goals include the development of the University of Melbourne's academic and professional staff and the capabilities needed to support a modern, world-class university. Those means require a commitment to ongoing financial sustainability and an ambitious infrastructure program which will reshape the campus and our contribution to the communities we engage with. This strategy, and the priorities proposed, is centred around five intersecting themes; place, community, education, discovery and global.

5.5 GOVERNANCE

The Vice Chancellor is the Chief Executive Officer of the University and responsible to Council for the good management of the University.

Comprehensive information about the University of Melbourne and its governance structure is available at https://about.unimelb.edu.au/strategy/governance