

Position Description

Lecturer in Computer Science

Position No:

Department: Computer Science and Information Technology

School: Engineering and Mathematical Science

Campus/Location: Bundoora/ Melbourne

Classification: Lecturer (Level B) in Computer Science

Employment Type: Full-time, Continuing

Position Supervisor: Head, Department of Computer Science and Information
Number: Technology
50004652

Other Benefits: <http://www.latrobe.edu.au/jobs/working/benefits>

Further information about: <http://www.latrobe.edu.au/she>
La Trobe University - <http://www.latrobe.edu.au/about>

For enquiries only contact:

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Position Description

Position Context

The Department of Computer Science and Information Technology undertakes a wide range of teaching and research programs in the area of data sciences, computational intelligence, software engineering, cybersecurity and mobile and wireless networks and offers a range of undergraduate and postgraduate courses that are rigorous and attuned to meeting the needs of students in ensuring their readiness to work in changing environments. The Department is committed to the development and exploration of new and innovative teaching and research programs which drives opportunities for multidisciplinary collaboration across the School/College and the University.

This position aims to further enhance the Department's research and teaching capabilities in the area of Artificial Intelligence. Key areas of interest include, but are not limited to, the following:

- Computer vision and digital media
- Natural Language Processing
- Robotics and intelligent system

We especially welcome candidates who are able to demonstrate a strong research and teaching track record in interdisciplinary research and strong link to industry.

Coursework programs in the Department are accredited by the Australian Computer Society. The Computer Science discipline is also ranked highly across QS and Time Higher Education international subject ranking. Over the years, the Department has produced a comparatively large number of PhD graduates. Graduates of the Department are now in the faculties of universities world-wide as well as holding key positions in industry globally.

La Trobe is a participant in the Athena SWAN Charter to enhance gender equality in Science, Technology, Engineering, and Mathematics disciplines. As such, we especially encourage female applicants to apply.

Organisation Context Statement

The College of Science, Health and Engineering comprises nine schools and sixteen departments with 1,000 staff and 16,000 students, including 900 PhD students across La Trobe's multi-campus operations. The College has an outstanding reputation for research excellence, for research translation and for building strong relationships with industry partners.

The School of Engineering and Mathematical Sciences (SEMS) has over 90 academic staff in three departments: Engineering, Computer Science and Information Technology, and Mathematics and Statistics in Melbourne (Bundoora) and Bendigo. The School has a reputation for innovative course design, the maintenance of a supportive student-centred learning environment and an outstanding research profile. The School offers a range of general and specialist undergraduate and postgraduate courses that are rigorous, attuned to emerging trends and taught by staff at the forefront of their fields.

This position is located in the Department of Computer Science and Information Technology on the Bundoora campus at Melbourne, Australia.

Lecturer (Level B)

A Level B teaching and research academic is expected to make a contribution to the discipline at the national and international level. They will develop curriculum, teach and undertake research or other scholarly work relevant to the development of their discipline or professional field.

Duties at this level may include:**Research**

- Conduct innovative and high impact research and produce high quality publications resulting from that research.
- Obtain research funding from grants, contracts, and consultancies, individually or as part of a team.
- Contribute to a robust and ambitious research culture within La Trobe.
- Supervise Higher Degree by Research, honours and postgraduate students.
- Engage with industry and develop technologies and systems that have an impact on industry

Teaching and Learning

- Design, coordinate and teach subjects and courses which provide a high quality learning experience that engages undergraduate, honours and postgraduate students.
- Participate in innovative subject level curriculum design, development and review.
- Contribute to La Trobe's Scholarship of Teaching and disciplinary teaching pedagogy and research.
- Travel internationally for periods to deliver teaching at regional campuses and our international partnership institutions.
- Contribute to knowledge and knowledge transfer at a local and/or internationally significant level.

Service

- Represent the discipline/program/department or school at external events.
- Contribute to building relationships at a local, national and international level.
- Perform allocated administrative functions effectively and efficiently.
- Engage with local, national and international academic and industry partners.
- Serve on committees at the school or program level and contribute to committees at the Department/School or College level as required.
- Undertake other duties commensurate with the classification and scope of the position as required by the Head of Department or Head of School.

Key Selection Criteria**ESSENTIAL:**

- A PhD in a relevant discipline or equivalent experience.
- Good interpersonal skills that support the ability to establish and maintain highly collaborative working environments.
- Able to adapt to changes in the dynamic environment and effectively meet new challenges.
- Strong record of research publication, with evidence of quality and impact, relative to opportunity.
- Strong record of interdisciplinary research and collaboration.
- Experience in the preparation of research proposals submitted to external funding bodies.
- Demonstrated effectiveness in teaching.
- Demonstrated competencies in computer coding and an ability to teach fundamental computer science subjects.
- Demonstrated capacity in curriculum development at the subject/unit/module level.
- Ability to mentor and supervise undergraduate, honours and postgraduate students.
- Demonstrated ability to work collaboratively and productively with staff, students, and external stakeholders from multi-disciplinary domains.

- Demonstrated ability to work independently and as a member of a team in a co-operative and collegial manner.
- Commitment to the University's Vision, Strategic Plan, Core Commitments and Cultural Values.

DESIRABLE

- Graduate Certificate in Higher Education or evidence of equivalent professional preparation for HE teaching

Essential Compliance Requirements

To hold this La Trobe University position the occupant must:

- hold, or be willing to undertake and pass, a Victorian Working With Children Check; AND
- take personal accountability to comply with all University policies, procedures and legislative or regulatory obligations; including but not limited to TEQSA and the Higher Education Threshold Standards.

La Trobe Cultural Qualities

Our cultural qualities underpin everything we do. As we work towards realising the strategic goals of the University we strive to work in a way which is aligned to our four cultural qualities:

- We are **Connected**: We connect to the world outside — the students and communities we serve, both locally and globally.
- We are **Innovative**: We tackle the big issues of our time to transform the lives of our students and society.
- We are **Accountable**: We strive for excellence in everything we do. We hold each other and ourselves to account, and work to the highest standard.
- We **Care**: We care about what we do and why we do it. We believe in the power of education and research to transform lives and global society. We care about being the difference in the lives of our students and communities.

For Human Resource Use Only

Initials: Date: