

## Position Description

### Senior Lecturer, Computer Science and IT

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<b>Position No:</b>	NEW
<b>Business Unit:</b>	Provost
<b>Division:</b>	School of Engineering and Computer Science
<b>Department:</b>	Computer Science and Information Technology
<b>Classification Level:</b>	Level C Teaching & Research
<b>Employment Type:</b>	Full-Time, Continuing
<b>Campus Location:</b>	Bendigo
<b>Other Benefits:</b>	<a href="http://www.latrobe.edu.au/jobs/working/benefits">http://www.latrobe.edu.au/jobs/working/benefits</a>

Further information about:

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

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## **Position Context/Purpose**

This position is located at the Bendigo Campus in the Department of Computer Science and Information Technology (CSIT), part of the School of Computing, Engineering and Mathematical Sciences in Melbourne (Bundoora) campus. The school has three departments: Computer Science and Information Technology, Engineering, and Mathematical and Physical Sciences on both Melbourne (Bundoora) and Bendigo campuses. The school hosts three Research Centres: the Centre for Technology Infusion (CTI), the CISCO Latrobe Centre for Artificial Intelligence and Internet of Things, and the Centre for Materials and Surface Science, and one Research Node: the Cybersecurity Innovation Node. 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.

### **CSIT:**

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, mobile and wireless networks, internet of things 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. 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.

A Level C teaching and research academic is expected to contribute to the discipline at the national and international level. They will develop curriculum, teach, and undertake impactful research relevant to the development of their discipline or professional field.

The Department at Bendigo is building research capacity and is looking for a strong candidate with an established track record in one or more of the following areas: digital health, data science, artificial intelligence, machine learning, internet of things. The position will support new and emerging areas of multidisciplinary applied research, particularly in the areas of digital health / health and wellbeing technologies.

### **Duties at this level will include:**

- Design, coordinate and teach subjects and courses which provide a high-quality learning experience that engages undergraduate, honours and postgraduate students.
- Design innovative and effective curriculum which reflects developing best practice nationally and internationally, utilising various methodologies including online and blended learning.
- Contribute to La Trobe's Scholarship of Teaching (SoLT) and disciplinary teaching pedagogy and research.
- Provide leadership and mentoring to others in subject or course level curriculum design and development and delivery of teaching.
- Conduct and lead innovative and high impact research and produce conference and seminar papers and publications resulting from that research.
- Contribute to building a robust and ambitious research culture within La Trobe.

- Play a significant role in research projects including leadership of research teams and/or management of projects.
- Supervise Higher Degree by Research (HDR), honours and postgraduate students.
- Obtain necessary research funding from contracts/grants/consultancies.
- Undertake other duties commensurate with the classification and scope of the position as required by the Head of Department or Dean.

## **Essential Criteria**

### **Skills and knowledge required for the position**

- Completion of a PhD or equivalent accreditation and standing recognised by the University/profession as appropriate for the relevant discipline area.
- Research areas in one or more of applied digital health, data science, artificial intelligence, machine learning, internet of things.
- Demonstrated effectiveness in curriculum development and teaching with a commitment to excellence in teaching.
- Demonstrated capacity to provide leadership at course/program/research group or similar level.
- Proven ability to mentor and supervise undergraduate, honour and postgraduate students.
- Record of successful research student supervision relative to opportunity.
- Strong record of research publication, with appropriate evidence of quality and impact.
- Demonstrated record of achievement as a leading practitioner with a reputation for skills, knowledge and expertise at a state/national level.
- Success in obtaining research funding from grants/contracts/consultancies.
- Excellent verbal and written communication skills, including the ability to interact effectively with people from a diverse range of backgrounds.
- Demonstrated ability to work as a member of a team in a co-operative and collegial manner.
- Has an established track record in one or more of the following areas: digital health, data science, artificial intelligence, machine learning, internet of things

### **Capabilities required to be successful in the position**

- Knowledge of own strengths, weaknesses and biases – modifying behaviour, based on self-reflection and feedback, to respond to others with empathy and act on feedback to improve knowledge, skills and behaviour.
- Ability to work collaboratively, demonstrate inclusivity and tailor communication in a way that is meaningful to the audience – consistently modelling accountability, connectedness, innovation and care.
- Demonstrated creative and critical thinking, ability to generate ideas to solve local problems and recommend improvements to current work practices.
- Ability to make sense of data to inform decision making – implementing ideas to improve local practices.

## **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.

## Other Information

The position description is indicative of the initial expectation of the role and subject to changes to University goals and priorities, activities or focus of the job.

## Position Flexibility

La Trobe University is committed to providing a diverse, inclusive and respectful working environment for all staff. We offer flexible work arrangements that can assist you in balancing your work and other responsibilities.

## Why La Trobe:

- Develop your career at an innovative, global university where you'll collaborate with community and industry to create impact.
- Enjoy working on our inspiring and stunning campuses – the perfect hub for industry, students and academics
- Help transform the lives of students, partners and communities now and in the future

This is more than just a job. Working at La Trobe offers opportunities to demonstrate excellence and transform lives.

Here, you'll join exceptional people, partners and communities, who power our operations with ambition and purpose.

We are forward-looking and culturally inclusive. We continuously review, improve and transform our processes to embrace new, flexible approaches. That means you'll always have the opportunity to succeed and make a difference.

## La Trobe's Cultural Qualities:



### 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 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 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*

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For Human Resource Use Only

Initials:

Date: