



SENIOR LECTURER IN SOFTWARE ENGINEERING

DEPARTMENT/UNIT	Department of Software Systems and Cybersecurity
FACULTY/DIVISION	Faculty of Information Technology
CLASSIFICATION	Level C
DESIGNATED CAMPUS OR LOCATION	Clayton campus

ORGANISATIONAL CONTEXT

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu.

The **Faculty of Information Technology** aims to lead global IT research and education. Our strong reputation and international profile attracts the best students worldwide and we offer a range of accredited courses that transform our graduates into highly skilled and sought after IT professionals, equipped to work globally. Our research is multidisciplinary, multi-campus and multinational, giving us a unique capacity to reach out further and deeper than any other institution in Australia. Our research priorities are both technically ambitious and embedded in everyday life. To learn more about the faculty and the exciting work we do, please visit our website: www.monash.edu/it.

The Faculty of Information Technology is home to three departments, the **Department of Software Systems and Cybersecurity (SSC)**, Department of Data Science and Artificial Intelligence (DSAI), and the Department of Human Centered Computing (HCC). SSC houses the Software Engineering, Data Engineering, and Cybersecurity discipline groups. This position is based in the Software Engineering group within the SSC department.

The SE group is one of the top Software Engineering research groups in the Asia-Pacific region, with internationally reputed researchers. The group specialises in the areas of Human-centered Software Engineering, Software Engineering for Artificial Intelligence, and Artificial Intelligence for Software Engineering. A large part of the group's research is empirical and industrial based. We pride ourselves on our positive and collaborative culture, research excellence, innovation, and a passion for real-world impact and IT for Social Good. To learn more about the SE group at Monash, visit: www.monash.edu/it/ssc/software-engineering.

POSITION PURPOSE

A Level C academic is expected to make significant contributions to the teaching effort of a department, school, faculty or other organisational unit or an interdisciplinary area. An academic at this level is also expected to play a major role in scholarship, research and/or professional activities. This role will also help to forge stronger links with organisations developing or using software systems requiring cutting edge software engineering technologies and practices.

Reporting Line: The position reports to the Head of Department

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of a Level C academic may include:

1. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and/or studio sessions
2. Initiation and development of course material
3. Course coordination
4. The preparation and delivery of lectures and seminars
5. Supervision of major honours or postgraduate research projects
6. Supervision of the program of study of honours students and of postgraduate students engaged in course work
7. The conduct of research
8. Significant role in research projects including, where appropriate, leadership of a research team
9. Involvement in professional activity
10. Consultation with students
11. Broad administrative functions
12. Marking and assessment
13. Attendance at departmental, school and/or faculty meetings and a major role in planning or committee work
14. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A doctoral or masters qualification in Software Engineering or a relevant discipline area or equivalent accreditation and standing and/or recognised significant software engineering experience.

Knowledge and Skills

2. Possess a high level of interpersonal skills and demonstrated ability to work independently and as part of a team across both the education and service sectors

3. Demonstrated publication record in high-quality refereed journals, conferences equivalent textbooks or teaching resources
4. Demonstrated ability in undertaking outstanding research and leading a research team and project
5. Proven record of obtaining significant external grants for research
6. Demonstrated record of successfully supervising postgraduate research students
7. Ability to work positively and cooperatively with students, internal and external teams and external organisations
8. Demonstrated strong record of teaching experience in a tertiary environment including course coordination
9. Demonstrated ability to motivate, actively engage and educate a given audience
10. Proven ability, commitment and passion for engaging in scholarly and research activities
11. A demonstrated capacity to work in a collegiate manner with other staff in the workplace
12. Demonstrated ability to provide high-quality teaching and research in software engineering and to contribute to a high quality research team in this area
13. Practical experience in information technology outside tertiary education including experience in the development of usable software systems. Such systems might be commercial, open-source or research software

OTHER JOB RELATED INFORMATION

- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted
- A current satisfactory Working With Children Check is required

GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.