



# LECTURER - SOFTWARE ENGINEERING

<b>DEPARTMENT/UNIT</b>	Department of Software Systems and Cybersecurity
<b>FACULTY/DIVISION</b>	Faculty of Information Technology
<b>CLASSIFICATION</b>	Level B
<b>DESIGNATED CAMPUS OR LOCATION</b>	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](http://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](http://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](http://www.monash.edu/it/ssc).

## **POSITION PURPOSE**

---

A Level B academic is expected to make contributions to the teaching effort within the Software Engineering discipline of the Faculty of Information Technology and to carry out activities to maintain and develop their scholarly, research, and/or professional contributions to the Software Engineering group, the department, the Faculty, the University, and the international Software Engineering community. 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 Head of Department

**Supervisory Responsibilities:** Not applicable

**Financial Delegation:** Not applicable

**Budgetary Responsibilities:** Not applicable

## **KEY RESPONSIBILITIES**

---

Specific duties required of a Level B academic may include:

1. The conduct of high quality research
2. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and/or studio sessions
3. Development of course material with appropriate advice from and support of more senior staff
4. Initiation and development of subject material
5. The preparation and delivery of lectures and seminars
6. Supervision of major honours or postgraduate research projects
7. Supervision of the program of study of honours students or of postgraduate students engaged in course work
8. Involvement in professional activities at the group, department, faculty, and international levels
9. Consultation with students
10. A range of administrative functions, the majority of which are connected with the subjects in which the academic teaches
11. Marking and assessment
12. Attendance at departmental, school and/or faculty meetings and/or membership of a number of committees
13. Other duties as directed from time to time

## **KEY SELECTION CRITERIA**

---

### **Education/Qualifications**

1. The appointee will have:
  - A doctoral qualification in Software Engineering or a relevant field of Information Technology with relevant 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. Ability to work positively and cooperatively with students, internal and external teams and external organisations
4. Demonstrated record of teaching experience in a tertiary environment
5. Demonstrated ability to stimulate, actively engage and educate a given audience
6. Proven ability, commitment and passion for engaging in scholarly and research activities
7. A demonstrated capacity to work in a collegiate manner with other staff in the workplace
8. Demonstrated analysis and manuscript preparation skills; including a solid track record of refereed research publications
9. Demonstrated ability to provide high-quality teaching and research in software engineering and to contribute to a high quality research team in this area
10. 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.