

LECTURER

DEPARTMENT/UNIT	Department of Software Systems and Cybersecurity
FACULTY/DIVISION	Faculty of Information Technology
CLASSIFICATION	Level B
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 multi-national, 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 <https://www.monash.edu/it>.

The **Department of Software Systems and Cybersecurity (SSC)** is a world leader in Cybersecurity, Software Engineering, and Databases and Distributed systems. We consider the intersection of technology and human aspects in all our educational programs and research. We value collaboration, diversity, ambition, authenticity and kindness. We are driven to mentor and support the next generation of academics and train the next generation of professionals to excel in innovation and design, ensuring a resilient, efficient, sustainable, and trustworthy digital ecosystem. What separates us from other groups in these fields is that we conduct 'fundamental and applied' research and teaching. We support the faculty's mission of IT for Social Good through our applied research, which helps to protect citizens and nation-states, contributes to a fairer world, and ensures a better future for the next generations.

The department consists of three discipline groups: Cybersecurity, Databases and Distributed Systems, and Software Engineering. We are excited about further growth in our department with vacancies Cybersecurity and software engineering. To learn more about the SE group at Monash, visit: www.monash.edu/it/ssc.

Monash University [strongly advocates diversity, equality, fairness and openness](#). We fully support the gender equity principles of the [Athena SWAN Charter](#) and invite you to join us in celebrating [women in STEMM](#). The Department of Software Systems and Cybersecurity (SSC) is a proud sponsor and partner of [STEMM Women Academic Network \(SWAN\)](#).

POSITION PURPOSE

A Level B academic is expected to make contributions to the teaching effort within either the Cybersecurity or 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 Cybersecurity or Software Engineering group, the department, the Faculty, the University.

The Cybersecurity group is strong, particularly in quantum-safe cryptography, blockchain, human factors and policy and practice. The Lecturer position will focus on expanding in the following areas: Network/Cloud Security and Human factors in Cybersecurity (although others may apply). With respect to the Human Factors in Cybersecurity position, the person will be expected to have strengths in areas such as psychology, business studies, sociology or criminology whose interdisciplinary work applies this knowledge to technical cybersecurity problems.

The Software Engineering group is strong in areas such as Human-Centred Software Engineering, Automated Software Engineering and Software Testing. The group is seeking to develop further strengths in the technical aspects of software engineering. The successful candidate will need expertise in either or both: Software testing, including defect detection and fixing, model-based testing, program repair, and/or testing techniques; or Programming languages, including program analysis, program understanding, embedded software engineering, and/or domain-specific languages.

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 B 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 subject material
3. Acting as subject coordinators;
4. The preparation and delivery of lectures and seminars
5. Supervision of the program of study of honours students or of postgraduate students engaged in course work
6. Supervision of major honours or postgraduate research projects

7. The conduct of research
8. Involvement in professional activity
9. Development of course material with appropriate advice from and support of more senior staff
10. Marking and assessment
11. Consultation with students
12. A range of administrative functions the majority of which are connected with the subjects in which the academic teaches
13. Attendance at departmental, school and/or faculty meetings and/or membership of a number of committees
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 the relevant discipline area or equivalent accreditation and standing

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 statistical analysis and manuscript preparation skills; including developing a solid track record of refereed research publications
4. Ability to work positively and cooperatively with students, internal and external teams and external organisations
5. Demonstrated strong record of teaching experience in a tertiary environment
6. Demonstrated ability to motivate, actively engage and educate a given audience
7. Demonstrated experience in curriculum and subject material development
8. Proven ability, commitment and passion for engaging in scholarly and research activities
9. A demonstrated capacity to work in a collegiate manner with other staff in the workplace

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.