



POSITION DESCRIPTION

Academic Positions

Position Title: Lecturer in Cyber Security Level: B
 Faculty/Division: Engineering and Information Sciences
 School/Unit: School of Computing & Information Technology

Primary Purpose of the Position:

The School of Computing and Information Technology (SCIT) is looking to recruit a new staff member to start ideally to be ready to teach in Autumn 2019 (the appointment should happen towards the end of 2018) predominately to meet the teaching requirements by UOW's SWS undertaking. SCIT aims to be a world class Research School and this position is expected to contribute towards that aim. One important part of the degrees offered by SCIT is the Bachelor of Computer Science with major in Cybersecurity. The Lecturer will contribute to the teaching and research efforts of the School of Computing and Information Technology in the fields of cyber security. A scope of the position includes teaching and coordination of subjects within the School at both undergraduate and postgraduate levels, and contribution to research in the areas of web security research. In particular, the position will require the Lecturer to predominantly teach and be located at the Liverpool campus. We are looking for a person with research experience in fields of cybersecurity and with the capability in teaching undergraduate & graduate subjects in computer science. The candidate should demonstrate research excellence and potential to become an effective teacher in the area of Computer Science and Information Technology.

Position Environment:

The School of Computing and Information Technology (SCIT) is one of six Schools within the Faculty of Engineering and Information Sciences at the University of Wollongong. It delivers a full range of quality courses, both onshore and offshore (Dubai, Singapore, Malaysia, China, Hong Kong), ranging from undergraduate Bachelor's degrees, through Coursework and Research Masters to PhD programs. Current research foci are Computer Security, Intelligent Systems, Software Engineering, Big Data, Multimedia Information Processing, and Information Systems. SCIT has strong R&D links with industry, actively participates in several Co-operative Research Centres.

Major Accountabilities/Responsibilities:

Responsibilities		Outcome
1.	Carry out research in one or more of the above research areas	Publications, particularly in high quality international journals and conferences
2.	Apply for external research grants	Submission of ARC and other grant proposals
3.	Teach and supervise students	Preparation, delivery and assessment of classes. Graduation of pass, honours and higher degree research students.
4.	Contribute to the background knowledge-base of the School and publicise work to other institutions	Presentation of seminars at UOW and other institutions and conference presentations.

5.	Administration and University governance	Administrative and governance roles undertaken.
6.	Service activities	Contribution to outreach activities and professional service undertaken.
7.	Comply with the University's research reporting requirements	Publications logged on university database. Meet reporting requirements of research funding agencies
8.	Work collegially, including mentoring students and junior	Enhanced and collegial working environment
9.	Supervisory roles: Communicate and consult with staff on workplace and staffing matters.	To foster direct relationships with staff and enhance engagement with the organisation.
10.	Observe principles and practices of Equal Employment Opportunity	To ensure fair treatment in the workplace
11.	Have WH&S responsibilities, accountabilities and authorities as outlined in the http://staff.uow.edu.au/ohs/commitment/responsibilities/ document	To ensure a safe working environment for self & others.

Reporting Relationships:

Position Reports to:	Head of School, Professor Willy Susilo
The position supervises the following positions:	N/A
Other Key Contacts:	

Key Relationships:

Contact/Organisation:

N/A

Purpose & Frequency of contact

Key Challenges:

1. To conduct original research of lasting significance and disseminate it.
2. To apply for and be awarded external research grants.
3. To teach and inspire students.
4. To help maintain an enthusiastic and productive collegial environment.

Selection Criteria:

Essential:

- A PhD (or PhD Thesis is completed/submitted for examination) in the area of cyber security, blockchain, cryptocurrency or any related areas.
- Demonstrated record in conducting high quality research in the above areas.
- Demonstrated excellence in publications in the related research area, such as ACM CCS, NDSS, USENIX, or any other top tier journals/conferences.
- Demonstrated record and competence of teaching undergraduate & graduate subjects in Computer Science.
- Demonstrated ability to mentor and supervise high degree research (HDR) students.
- Demonstrated potential in securing externally funded research projects.

- Experience in working on industry projects which deliver real impacts.

Desirable:

- Demonstrated strong programming experience (in Java, C++, Python and others), including web programming.
- Demonstrated ability to develop industry collaboration, research projects, or grant proposals.
- Demonstrated experience in project management.
- Demonstrated teaching experience in Computer Science.
- A candidate who obtained PhD in the past 5 years is highly recommended.
- Prior experience in industry is well desirable.

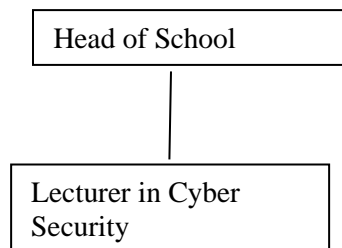
Personal Attributes:

- Ability to work as an integral part of a team.
- Excellent interpersonal skills, and a willingness to share ideas and experiences.
- The ability to work harmoniously and effectively as a member of a research team.
- Excellent communication skills.

Special Job Requirements:

- May be required to work outside of standard business hours or across campuses and research partner facilities. This position is located at Liverpool campus. Teaching arrangement will be made to be primarily in Liverpool, whilst there is a possibility to teach on campus and some requirements to also teach off-shore.

Organisational Chart:



Roles and Responsibilities in Relation to Workplace Health and Safety:

The University of Wollongong is committed to providing a safe and healthy workplace for its workers, students and visitors. All members of the University community have a collective and individual responsibility to work safely and be engaged in activities to help prevent injuries and illness.

In addition to the major accountabilities/responsibilities required for your position, you also hold the following roles and responsibilities in relation to Workplace Health and Safety:

All Staff

- Take reasonable care for your health and safety as well as others.
- Comply with any reasonable instruction by the University.
- Cooperate with any reasonable policies and procedures of the University including reporting of hazards or incidents via the University reporting process.
- Certain staff have specific responsibilities for Work Health and Safety (WHS), further information is available in the document [Roles And Responsibilities for WHS](#) and [WHS Management System](#).

Additional Responsibilities for Staff with supervisory responsibilities

- Ensure work area, equipment and practices are compliant with applicable legislation, standards, codes of practice and University guidelines.
- Ensure risk management activities are undertaken to minimise WHS risk including hazard and incident reporting, risk assessment and safe work procedures.
- Provide the necessary instruction, information, induction, training and supervision to enable work to be carried out safely.
- Ensure Work Health and Safety (WHS) activities and requirements are implemented for area as outlined in the [Roles And Responsibilities for WHS](#) and [WHS Management System](#).

Inherent Requirements:

This position description outlines the major accountabilities/responsibilities and the selection criteria against which you will be assessed as suitable for the position. As such there will be specific job requirements that we refer to as Inherent Requirements.

Inherent Requirements refer to your ability to:

- Perform the essential duties and functional requirements of the job;
- Meet the productivity and quality requirements of the position;
- Work effectively in the team or other type of work organisation concerned; and
- Do the job without undue risk to your own or others health, safety and welfare at work.

If you have any injuries, illness, disorder, impairment, condition or incapacity that may affect your ability to perform the inherent requirements of the position, we encourage you to discuss this with the University to assist in the process of identifying reasonable adjustments to enable you to perform the duties of the position. The University wants to place you in the best situation to use your skills effectively in the position you are applying for at the University.

POSITION CLASSIFICATION STANDARD - Teaching and Research

Title: Lecturer **Level:** B

Description

A position classification standard describes the broad categories of responsibility attached to academic staff at different levels. The standards are not exhaustive of all tasks in academic employment, which is by its nature multi-skilled and involves an overlap of duties between levels. **Therefore the standards should not be applied mechanistically. Quality of performance is the principal factor governing level of appointment of individuals, and a broadly-worded skill base is set out for each level.**

All levels of academic staff can expect to make a contribution to a diversity of functions within their institutions. Such functions include teaching research participation in professional activities and participation in the academic planning and governance of the institution. The balance of functions will vary according to level and position and over time.

- General Standard
- Specific Duties
- Skill Base

General Standard

A Level B academic is expected to make contributions to the teaching effort of the institution and to carry out activities to maintain and develop her/his scholarly, research and/or professional activities relevant to the profession or discipline.

Specific Duties

Specific duties required of a Level B academic may include

- The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and studio sessions.
- Initiation and development of subject material.
- Acting as subject coordinators.
- The preparation and delivery of lectures and seminars.
- Supervision of the program of study of honours students or of postgraduate students engaged in course work.
- Supervision of major honours or postgraduate research projects.
- The conduct of research.
- Involvement in professional activity.
- Development of course material with appropriate advice from and support of more senior staff
- Marking and assessment.
- Consultation with students.
- A range of administrative functions the majority of which are connected with the subjects in which the academic teaches.
- Attendance at departmental and/or faculty meetings and/or membership of a number of committees.

Skill Base

A Level B academic shall have qualifications and/or experience recognised by the institution as appropriate for the relevant discipline area. In many cases a position at this level will require a doctoral or masters qualification or equivalent accreditation and standing. In determining experience relative to qualifications, regard is had to teaching experience, experience in research, experience outside tertiary education, creative achievement, professional contributions and/or to technical achievement.