

**Position Title:** Lecturer / Senior Lecturer  
**Position Classification:** Level B / C  
**Position Number:** 316101  
**Faculty/Office:** Engineering and Mathematical Sciences  
**School/Division:** Computer Science and Software Engineering  
**Centre/Section:**  
**Supervisor Title:** Head of School  
**Supervisor Position Number:** 303044

## Your work area

*The School of Computer Science and Software Engineering is recognised for its excellence in research and teaching. Broad-based undergraduate programs provide solid foundations across computing disciplines and the School is a leader in developing graduates with high level expertise in computer programming. The School offers innovative Masters programs in Software Engineering, Data Science and IT, attracting increasing numbers of students. These are all complemented by a wide range of multi-disciplinary research activities with a concentration in Artificial Intelligence: computer vision, data mining and optimisation. In the resource rich state of Western Australia the opportunities for partnership and collaborative research are extensive and the School has well established links with industry. Further information about the School and its teaching programmes can be found at <http://web.csse.uwa.edu.au/>*

## Reporting Structure

*Reports to: Head of School (303044)*

*If a leadership/ supervisory role:*

Direct Reports: NA

## Your role

*The successful candidate will conduct high quality and high impact research that contributes to the Faculty's initiative in Engineering for Remote Operations (ERO) and will build a strong, internationally recognised research programme that complements existing research groups.*

*As a passionate advocate for teaching excellence the successful candidate will develop and deliver undergraduate and masters curricula with a focus on Networking and Cybersecurity as well as contributing to the School, Faculty and University community by contributing to service activities.*

## Key responsibilities

Conduct high quality research within the general discipline of computer science engineering under the Faculty's research initiative in Engineering for Remote Operations (ERO); generate research output of high impact and international recognition, such as scholarly publications in high impact journals, standards for industrial practices and patents.

Develop and maintain a strong, internationally recognized research programme synergistic with the existing ERO research groups within the School and the Faculty; attract research funding from the local and federal governments, industry and foreign funding agencies.

Contribute to the development and delivery of world-class innovative teaching that delivers a high quality student experience in the degree programmes of the School and the Faculty at both undergraduate and postgraduate levels.

Supervise research students at both the undergraduate and postgraduate levels and post-doctoral research fellows. Attract and recruit quality postgraduate students and postdoctoral research fellows.

Duly provide services to the School, the Faculty and the University in its operation; develop and exercise leadership in its affairs; provide services to the government, the scholarly community and the broader public as required.

Other duties as required.

### **Your specific work capabilities (selection criteria)**

A PhD in a relevant discipline.

Demonstrated teaching and learning expertise in the discipline of computer science, particularly networking and Cybersecurity.

Demonstrated track record in course development, engaging active learning techniques, and successful student evaluation (relative to opportunity).

Research expertise in an area complementary to the Faculty's Engineering for Remote Operations (ERO) initiative.

Demonstrated track record in academic peer-reviewed publications in international journals and grant writing success (both relative to opportunity).

Experience in research collaboration between academia and industry will be considered favourably.

Ability to work independently as well as collaboratively in a multi-disciplinary school.

Demonstrated well-developed communication skills.

### **Special Requirements**

NA

### **Compliance**

#### **Workplace Health and Safety**

All supervising staff are required to undertake effective measures to ensure compliance with the Occupational Safety and Health Act 1984 and related University requirements (including Safety, Health and Wellbeing Objectives and Targets).

All staff must comply with requirements of the Occupational Safety and Health Act and all reasonable directives given in relation to health and safety at work, to ensure compliance with University and Legislative health and safety requirements.

Details of the safety obligations can be accessed at <http://www.safety.uwa.edu.au>

#### **Equity and Diversity**

All staff members are required to comply with the University's Code of Ethics and Code of Conduct and Equity and Diversity principles. Details of the University policies on these can be accessed at [http://www.hr.uwa.edu.au/publications/code\\_of\\_ethics](http://www.hr.uwa.edu.au/publications/code_of_ethics), <http://www.equity.uwa.edu.au>