Position Title	Lecturer
Classification	Level B (Teaching and Research)
School/Division	School of Physics, Mathematics and Computing
Centre/Section	Computer, Science and Software Engineering
Supervisor Title	Head of Department
Supervisor Position Number	316902
Position Number	NEW

Your work area

The Department of Computer Science and Software Engineering under the School of Physics, Mathematics and Computing is renowned for its award-winning researchers, teachers and facilities. The broad-based undergraduate and postgraduate programs are complemented by a wide range of research activities and the School is a leader in developing graduates with high level expertise in computer programming and the methods involved in performing complex computations and processing data. In the resource rich state of Western Australia the opportunities for partnership and collaborative research are extensive and the Department has well established links with industry.

Further information about the Department and its teaching programmes can be found at

https://www.uwa.edu.au/ems/Schools/Physics-Mathematics-and-Computing/Department-of-Computer-Science-and-Software-Engineering

Reporting structure

Reports to: Head of Department

Your role

This position will undertake independent teaching and research in the area of Computer Science and Software Engineering. You will be expected to make a long-term contribution to research and teaching excellence in the Department. You should have University teaching experience in Computer Science, ideally including lecturing, unit co-ordination and assessment design as well as lab demonstration and other classes.

You will be a unit-coordinator and lecturer for a range of units taught by the Department in its undergraduate and postgraduate programs in Computer Science, Data Science, Cybersecurity, Artificial Intelligence, Software Engineering and Information Technology. Contribute to ongoing development of the Department's academic programs.

Your key responsibilities

Contributes to outstanding teaching and learning outcomes

Contribute to world-class teaching in the degree programs of the Department at both Undergraduate and Postgraduate levels; undertake administrative duties as required (including online teaching)

Contribute to developing undergraduate and postgraduate education policy and curricula to ensure an excellent student experience

Provide high quality supervision of Honours, Masters and PhD students and research projects

Attract and recruit quality postgraduate students and postdoctoral research fellows

Design and implement best practice assessment of student learning outcomes and participate in assessment panels

Contributes to research outcomes within discipline or area of expertise

Join or develop a research team to initiate research in local, national and international arenas

Undertake independent and collaborative research to generate research outputs of high impact

Communicate research findings through scientific publications, reports, meetings and teaching

Engage with a network of contacts with local, national and international universities for the purposes of research collaboration and the enhancement of the reputation of the School and the University

Build a research portfolio of high-quality publications, grants and collaborations

Enhance the reputation of the School and the University by producing publications in highly ranked peer reviewed journals of international standing

Either as an individual or as part of a team, play a role in bids for major research funding from national and international competitive funding agencies, industry and government partners

Service and Engagement

Contribute to the governance and collegial life within the School and University and more broadly outside the institution

Work within the legislative requirements of the University and support the University's commitment to inclusion and diversity

Represent the University of Western Australia through involvement in professional associations, conferences, non-academic (e.g. government, not-for-profit, industry) partnerships, and other external activities

Maintain current knowledge of standards of practice and required student assessment procedures and ensure these are completed to required standard and time frame

Contribute to team activities such as team and school meetings, strategic planning and program development

Undertake administrative duties as required in relation to the above teaching and research supervision

Perform other duties as directed by the Head of School and the Discipline Chair

Your specific work capabilities (selection criteria)

Qualifications and / or certifications

PhD in Computer Science or an academic field relevant to the discipline or other higher professional qualifications appropriate to the discipline

Teaching and learning

Demonstrated ability to deliver teaching approaches, assessment and materials for units and courses

Demonstrated commitment to inclusive teaching practices to extend equality of opportunity for all learners

Research

A demonstrated track record in excellence in research evidenced by peer-reviewed journal articles published in high quality journals relative to opportunity

An emerging track record of successful competitive funding application

Demonstrated evidence of successful supervision or co-supervision of HDR students, relative to opportunity

Service/ Engagement

Participation in education/research leadership in public engagements that promote research and/or education outcome, government and industry

Demonstrated ability to relate well to staff and students at all levels and evidence of a commitment to equity and diversity principles

Demonstrated ability to contribute positively to team, school and wider University activities such as team and school meetings, strategic planning and program development.

Special requirements (selection criteria)

There are no special requirements

Compliance

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including:

The University's Code of Conduct Code of Ethics and Code of Conduct

Inclusion and Diversity web.uwa.edu.au/inclusion-diversity

Safety, health and wellbeing Safety and Health Policy

Position Title	Senior Lecturer
Classification	Level C (Teaching and Research)
School/Division	School of Physics, Mathematics and Computing
Centre/Section	Computer, Science and Software Engineering
Supervisor Title	Head of Department
Supervisor Position Number	316902
Position Number	NEW

Your work area

The Department of Computer Science and Software Engineering under the School of Physics, Mathematics and Computing is renowned for its award-winning researchers, teachers and facilities. The broad-based undergraduate and postgraduate programs are complemented by a wide range of research activities and the School is a leader in developing graduates with high level expertise in computer programming and the methods involved in performing complex computations and processing data. In the resource rich state of Western Australia the opportunities for partnership and collaborative research are extensive and the Department has well established links with industry.

Further information about the Department and its teaching programmes can be found at

https://www.uwa.edu.au/ems/Schools/Physics-Mathematics-and-Computing/Department-of-Computer-Science-and-Software-Engineering

Reporting structure

Reports to: Head of Department

Your role

This position will undertake independent teaching and research in the area of Computer Science and Software Engineering. You will be expected to make a long-term contribution to research and teaching excellence in the Department. You should have University teaching experience in Computer Science, ideally including lecturing, unit co-ordination and assessment design as well as lab demonstration and other classes.

You will be a unit-coordinator and lecturer for a range of units taught by the Department in its undergraduate and postgraduate programs in Computer Science, Data Science, Cybersecurity, Artificial Intelligence, Software Engineering and Information Technology. Contribute to ongoing development of the Department's academic programs.

Your key responsibilities

Contributes to outstanding teaching and learning outcomes

Contribute to world-class teaching in the degree programs of the Department at both Undergraduate and Postgraduate levels; undertake administrative duties as required (including online teaching)

Contribute to developing undergraduate and postgraduate education policy and curricula to ensure an excellent student experience

Provide high quality supervision of Honours, Masters and PhD students and research projects

(Co-)supervise PhD, masters and honours research projects

Attract and recruit quality postgraduate students and postdoctoral research fellows

Design and implement best practice assessment of student learning outcomes and participate in assessment panels

Contributes to research outcomes within discipline or area of expertise

Create and help lead collaborative research initiatives in local, national and international arenas.

Foster the research of other groups and individuals in the School, both in the discipline and in related discipline areas

Develop a network of contacts with local, national and international universities for the purposes of research collaboration

Create new knowledge in discipline and disseminate it through publication in highly ranked peer reviewed journals that will enhance the reputation of the School and the University at a national and international level.

Play a role in securing research funding from national and international competitive funding agencies, industry and government partners

Join or develop a research team to initiate research in local, national and international arenas

Build a research portfolio of high-quality publications, grants and collaborations

Enhance the reputation of the School and the University by producing publications in highly ranked peer reviewed journals of international standing

Service and Engagement

Contribute to the governance and collegial life within the School, across the University and more broadly outside the institution

Participation in education/research leadership in public engagements, government and industry including involvement in an innovation beyond academia

Work within the legislative requirements of the University and support the University's commitment to inclusion and diversity

Represent the University of Western Australia through involvement in professional associations, conferences, non-academic (e.g. government, not-for-profit, industry) partnerships, and other external activities

Contribute to team activities such as team and school meetings, strategic planning and program development

Participation in the Universities social impact studies

Undertake administrative duties as required in relation to the above teaching and research supervision

Perform other duties as directed by the Head of School and the Discipline Chair

Your specific work capabilities (selection criteria)

Qualifications and / or certifications

PhD in Computer Science or an academic field relevant to the discipline or other higher professional qualifications appropriate to their discipline

Teaching and learning

Demonstrate in the development and delivery of curricula and the use of innovative teaching approaches, assessment and materials for units and courses

Experience in the mentoring of junior colleagues, demonstrators and tutors, where relevant

Demonstrated commitment to inclusive teaching practices to extend equality of opportunity for all learners

Research

A strong track record of excellence in research at a national level evidenced by peer-reviewed journal articles published in high quality journals and conferences

A demonstrated track record of success in awarded competitive funding

Demonstrated evidence of successful supervision of HDR, Masters and Honours students

Service/ Engagement

Demonstrated experience of leading public engagement activities that promote research and/or education outcomes, government and industry

Demonstrated ability to relate well to staff and students at all levels and evidence of a commitment to equity and diversity principles

Demonstrated ability to contribute positively to team, school and wider University activities such as team and school meetings, strategic planning and program development

Special requirements (selection criteria)

There are no special requirements

Compliance

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including:

The University's Code of Conduct Code of Ethics and Code of Conduct

Inclusion and Diversity web.uwa.edu.au/inclusion-diversity

Safety, health and wellbeing Safety and Health Policy