



Assistant Professor – Selection Criteria

Essential

1. A PhD in computer science, computational science, information systems, or artificial intelligence/machine learning or related field.
2. Demonstrated excellence in teaching undergraduate and postgraduate students across technology and/or business in subjects such as computational thinking; programming & AI integration; data management; software design and maintenance; algorithms and data structures; and/or cybersecurity, networks, and operating systems.
3. Experience in curriculum design and development at subject and/or program levels with a focus on experiential learning and authentic assessments.
4. A developing profile as a skilled researcher evidenced by an emerging record of high-quality publications; experience as a supervisor of higher degree research students; and capacity to contribute to successful applications for external research funding.
5. Demonstrated ability to engage effectively with relevant external stakeholders—including industry, alumni, government, and/or schools—to enhance teaching, research, and partnership outcomes.
6. Excellent interpersonal and communication skills and a willingness to collaborate to multi-disciplinary teams both within and across faculties.

Desirable

7. Commitment to professional standards, ideally shown through membership of the Australian Computer Society (ACS).
8. Have experience/knowledge of system administration, in operating systems such as Linux/Unix.
9. Previous professional experience relevant to the role through prior employment, advisory or consulting roles.