

Job Description

Job title	Assistant Professor/ Associate Professor
Department	Computer Science
Grade	FA7/FA8

Job purpose (a brief summary of the role)	You will undertake research, teaching, administration and other activities which support the work of the Department and develop and enhance its reputation, both internally and externally to the University.
Duties and responsibilities	Research 1. To pursue individual and collaborative research of high quality, consistent with making a substantial research contribution. 2. To publish research outcomes in appropriate conferences and journals of international standing, and to disseminate the results of research and scholarship in other reputable outlets. 3. As part of your research agenda, to plan or pursue research with an impact on society (related to e.g. individual health and behaviour, economic success, government policy etc.), and to aid in further developing the impact and benefits to society arising from that research. 4. To stimulate interaction between relevant research communities at Warwick and with external collaborators. 5. To attend and present research findings and papers at academic and professional conferences and to contribute to the external visibility of the Department. 6. To seek, in collaboration with colleagues as appropriate, external funding through research grants or contracts to support a developing research agenda. 7. To manage research projects within the University, including their financial control and to supervise post-doctoral research assistants, research students, technical and other support staff engaged in research. 8. To consider the value of research achievements within their potential commercial context and, where appropriate, with the assistance of Warwick Research and Impact Services, take appropriate action to ensure that intellectual property rights are protected. 9. To contribute to the research plans developed by the Department including providing such information as may be required. 10. Where appropriate, to contribute to the development of impact case studies and to assist the Department in submitting these for the Research Excellence Framework or other purposes. Teaching 1. To teach and supervise students in computer science and related topics. To give lectures, seminars, tutorials and other classes as appropriate in support of the Department's required teaching obligations, and to supervise dissertation work by postgraduate and undergraduate students.

	2. To contribute to the supervision and training activities of PhD students. 3. To co-operate with colleagues in the continuous review and development of the curriculum, and in the design and launch of new degrees or other academic awards where appropriate. 4. To undertake academic duties (i.e. setting examinations, marking, invigilation and pastoral support of students) required to sustain the delivery of high quality teaching. 5. To maintain a broad knowledge of up-to-date research and scholarship in relevant fields to ensure that teaching meets the high standards expected within a research-led University. Administration and other Activities 1. To undertake such specific roles and management functions as may be reasonably required by the Head of Department. 2. To attend relevant meetings and to participate in other committees and working groups within the Department, the University and other stakeholders. 3. To engage in continuous professional development. As part of probation, this involves timely participation in and progress on Warwick's Academic and Professional Pathway for Teaching Excellence. 4. To undertake external commitments which maintain and enhance the reputation of the University. The duties and responsibilities outlined are not intended to be an exhaustive list but provide guidance on the main aspects of the job. The post-holder will be required to be flexible in their duties.
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Person Specification

The Person Specification focuses on the essential and desirable knowledge, skills, experience and qualifications required to undertake the role effectively. This is measured by (a) Application Form, (b) Test/Exercise, (c) Interview, (d) Presentation.

Essential Criterion No.	Essential Criterion Description	Measured by
E1	An ability to teach and supervise undergraduates and postgraduate students in computing science.	A,C & D
E2	Good communication skills (oral and written).	A,C & D
E3	Good interpersonal skills.	A,C & D
E4	An ability to work independently and as part of a team on research and teaching programmes in computer science.	A & C
E5	Possession of a PhD or equivalent qualification in computer science or related subject, by the post start date.	A
E6	The ability to initiate, develop and deliver high-quality research and to publish in leading peer-reviewed journals or conference proceedings.	A & C
E7	An ability or potential to generate external funding (grants, contracts etc.) to support research.	A & C
E8	Strong record of initiating, developing and delivering high-quality research and publishing in leading peer-reviewed journals or conference proceedings, or equivalent achievements in industry (Associate Professor).	A & C
E9	An ability or potential to generate external funding (grants, contracts etc.) to support research, or equivalent achievements in industry (Associate Professor).	A & C

Desirable Criterion No.	Desirable Criterion Description	Measured by
D1	Experience of research, teaching and administration in a major university or equivalent.	A