

JOB DESCRIPTION

Vacancy Ref: A1128

Job Title:	Senior Lecturer in Distributed Systems/Cloud Computing	Present Grade: Grade 9
Department/College:	School of Computing & Communications	
Directly responsible to:	Head of School and Distributed Systems Group Lead	
Supervisory responsibility for:	Academic Staff (Lecturer grades); Research Fellows/Associates; PGR, PGT & Undergraduate Students.	
Other contacts		
Internal:		
All colleagues and students within the School of Computing & Communications, Dean of Faculty, Faculty Associate Deans, Academic colleagues within the University; University administration.		
External:		
Commercial and industrial research collaborators and sponsors; EPSRC, European Commission; Professional bodies; Potential students and their parents		
Major Duties:		
To take a leading role in the University's research and teaching activities, specifically distributed systems/cloud computing and closely related areas, as follows:		
<ol style="list-style-type: none"> 1. To drive internationally leading research within the field of distributed systems, with a preference for systems level techniques that underpin cloud computing (middleware for cloud computing, cloud and Internet of Things integration or multi-cloud management) by: <ul style="list-style-type: none"> • Carrying out and driving original research, individually or collaboratively, leading to the dissemination/publication of results in high quality internationally peer-reviewed academic journals and conferences. • Leading a coherent, independent and self-sustaining group of researchers and PhD students. • Identifying and securing significant funding for new research contracts and grants. • Maintaining an international reputation for research quality by, e.g., organizing international workshops, acting as PC Chair for respected events, acting as external examiner at high-ranking institutions, giving invited presentations at international events, etc. • Contributing significantly to the multi-disciplinary research activities within the School. • Maximising impact from research through proactive involvement with business partnerships and public engagement activities. • Supervising and mentoring research staff and students. 2. To contribute to the teaching commitments of the School by: <ul style="list-style-type: none"> • Teaching, examining and undertaking administrative duties on undergraduate and postgraduate programmes. • Carrying out curriculum development in the form of design and/or revision of courses offered by the School and its international partner institutions. • Innovating in teaching practice by, e.g., publishing a well-received text book, introducing a novel teaching method, introducing a new programme of study, etc. • Supervising project dissertations undertaken by undergraduate and postgraduate students. • Undertaking personal development in teaching skills and practice. 3. Other: <ul style="list-style-type: none"> • To play a leading role in one or more School committees that support the running of the School. 		

- To undertake a senior administrative role within the School (e.g., year tutor).
- To undertake an administrative role external to the School (e.g., at Faculty or University level).