JOB DESCRIPTION

Vacancy Ref: A1128

<table>
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<tr>
<th>Job Title:</th>
<th>Senior Lecturer in Distributed Systems/Cloud Computing</th>
<th>Present Grade: Grade 9</th>
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<tbody>
<tr>
<td>Department/College:</td>
<td>School of Computing &amp; Communications</td>
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<td>Directly responsible to:</td>
<td>Head of School and Distributed Systems Group Lead</td>
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<td>Supervisory responsibility for:</td>
<td>Academic Staff (Lecturer grades); Research Fellows/Associates; PGR, PGT &amp; Undergraduate Students.</td>
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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:

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:
   - 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:
   - 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:
   - 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).