PERSON SPECIFICATION

Details on the qualifications, experience, skills, knowledge and abilities that are needed to fulfil this role are set out below.

**Job Title:** Senior Lecturer/Reader (Software Security)  
**Department:** ISG

<table>
<thead>
<tr>
<th>Knowledge, Education, Qualifications and Training</th>
<th>Essential</th>
<th>Desirable</th>
<th>Tested by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educated to PhD level in a relevant field</td>
<td></td>
<td>x</td>
<td>Application form</td>
</tr>
</tbody>
</table>

**Research Experience**

<table>
<thead>
<tr>
<th></th>
<th>Essential</th>
<th>Desirable</th>
<th>Tested by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Significant record of high-quality publications in leading journals, press and other outlets</td>
<td>x</td>
<td></td>
<td>Application form</td>
</tr>
<tr>
<td>Research interests relative to fixed and/or mobile software and systems security</td>
<td>x</td>
<td></td>
<td>Application form/Interview</td>
</tr>
<tr>
<td>Proven ability to attract research funding and to have acted as PI of a relevant project</td>
<td>x</td>
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<td>Application form</td>
</tr>
<tr>
<td>Previous and ongoing contribution to the REF, or equivalent</td>
<td>x</td>
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<td>Application form</td>
</tr>
<tr>
<td>Experience of attracting and motivating a group of researchers around a research theme</td>
<td>x</td>
<td></td>
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</tr>
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**Knowledge**

<table>
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<tbody>
<tr>
<td>Sound knowledge of information/cyber security, and familiarity with contemporary issues</td>
<td>x</td>
<td></td>
<td>Application form/Interview</td>
</tr>
<tr>
<td>Software development experience</td>
<td>x</td>
<td></td>
<td>Application form/Interview</td>
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<tr>
<td>Reverse engineering experience</td>
<td>x</td>
<td></td>
<td>Application form/Interview</td>
</tr>
<tr>
<td>Expert knowledge of relevant topics, such as malware, viruses, botnets, machine learning, Virtual Machines, Trusted Execution Environments, IoT and CNI security Penetration testing capabilities</td>
<td>x</td>
<td></td>
<td>Application form/Interview</td>
</tr>
<tr>
<td>Experience of high-quality teaching at undergraduate level and/or postgraduate level in the department's disciplinary area</td>
<td>x</td>
<td></td>
<td>Application form/Interview</td>
</tr>
<tr>
<td>Successful track record of supervising postgraduate students, as appropriate to the discipline</td>
<td>x</td>
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<td>Application form</td>
</tr>
<tr>
<td>Proven ability to manage own teaching, research and administrative duties</td>
<td>x</td>
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<td>Application form</td>
</tr>
<tr>
<td>Experience of supervising the work of others, e.g. laboratory work of students, research teams and visiting teaching staff ensuring student learning and teaching needs are met</td>
<td>x</td>
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<td>Application form/Interview</td>
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<tr>
<td>Experience and/or enthusiasm for leading Capture the Flag activities</td>
<td>x</td>
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<td>Application form/Interview</td>
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</table>

**Personal and Interpersonal Qualities**

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<tbody>
<tr>
<td>Enthusiasm/energy to drive forward research and teaching activities</td>
<td>x</td>
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<td>Application form/Interview</td>
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<tr>
<td>Successful development of relationships with external individuals and agencies</td>
<td>x</td>
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<td>Application form/Interview</td>
</tr>
<tr>
<td>Experience of effective teamworking, Excellent interpersonal skills, with proven ability to teach and engage with students using a variety of different methods Excellent communication and presentation skills, with the proven ability to communicate effectively, both verbally and in writing, with students, colleagues and external audiences</td>
<td>x</td>
<td></td>
<td>Application form/Interview</td>
</tr>
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<td></td>
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**Capacity for Career Development**

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</thead>
<tbody>
<tr>
<td>A commitment to continuous personal development</td>
<td>x</td>
<td></td>
<td>Application form</td>
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**Circumstances**

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<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>Occasional teaching away from RHUL, possibly overseas</td>
<td>x</td>
<td></td>
<td>Application form</td>
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<tr>
<td>Occasional out-of-hours support for visitor days and events</td>
<td>x</td>
<td></td>
<td>Application form</td>
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*Date: 25/4/17*