

### Senior Cyber Security Specialist

Job Ref: REQ240626

**As part of the University's ongoing commitment to redeployment, please note that this vacancy may be withdrawn at any stage of the recruitment process if a suitable redeployee is identified.**

#### School/Department summary

The Department of Computer Science is long-established with extremely high student satisfaction of which we are very proud. We have a strong reputation for student experience and caring for our students leading to regular appearances towards the top of the National Student Survey and other league tables. In the latest Research Excellence Framework 100% of the Department's research impact was rated 'world-leading' or 'internationally excellent'. In addition, we have a fast-growing research portfolio, making huge strides in the last REF assessment; we continue to build on this. The successful candidate will work alongside our established leading researchers in a collaborative environment with lab facilities to support research in computer science theory, networks and systems, robotics and vision.

#### Job Description

##### Job Grade

Specialist and Supporting Academic, Grade 8

##### Job Purpose

To lead and support on the delivery of teaching and learning, including assessment, to undergraduate and postgraduate students primarily undertaking the Masters in Cyber Resilience. This will include supporting staff and students in laboratory work and delivering lectures and seminars, as well as supervising projects and taking part in the organisation and leadership of teaching and learning activities.

##### Job Duties

- Lead the development and delivery of teaching and learning activities, including assessment, at postgraduate taught and undergraduate level.
- Undertake, with colleagues, the continuous review and development of the School's modules, including keeping up to date with current research in specific areas.
- Lead the design and review of content of specific areas of teaching and learning within the School's undergraduate and postgraduate programmes.
- Teach students through lectures, tutorials, seminars and workshops.
- Supervise projects at undergraduate and postgraduate levels.
- Promote the use of a range of methods and techniques for delivering, teaching and assessing modules.
- Provide leadership, support and development for junior members of staff, and support students and staff in laboratories.
- Provide leadership and oversight as a personal tutor and advise students on academic and personal matters.
- Visit students during the placement year of sandwich degree courses and complete the necessary documentation.
- Act as an ambassador for the university in regional and global communities to identify and champion collaborative research programmes with other leading practitioners across industry, academic and government (e.g. leading competition entries, liaising with external organisations such as the Turing institute in London)

- Represent the university in shaping policy dialogue discussions at national and international level on relevant cyber security related topics.
- Proactively develop, utilise and liaise with an external network of cyber security contacts across the UK to inform current best practice for our taught courses.
- Provide strategic leadership and oversight towards the development of taught programmes in the University
- Engage in training programmes in the University which are consistent with the needs and aspirations of the post-holder and the School.
- Participate in relevant professional activities.
- Co-operate fully with all School and University policies and procedures.
- Undertake any other duties as may be reasonably requested, which are commensurate with the nature and grade of the post.

### Points to Note

The purpose of this job description is to indicate the general level of duties and responsibility of the post. The detailed duties may vary from time to time without changing the general character or level of responsibility entailed.

### Special Conditions

All staff have a statutory responsibility to take reasonable care of themselves, others and the environment and to prevent harm by their acts or omissions. All staff are therefore required to adhere to the University's Health, Safety and Environmental Policy & Procedures.

All staff should hold a duty and commitment to observing the University's Equity & Diversity policy and procedures at all times. Duties must be carried out in accordance with relevant Equality & Diversity legislation and University policies/procedures.

Successful completion of probation will be dependent on attendance at the University's mandatory courses which include Respecting Diversity and, where appropriate, Recruitment and Selection.

### Organisational Responsibility

Reports to the Computer Science Head of Department and the Dean of the School of Science.

### Person Specification

Your application will be reviewed against the essential and desirable criteria listed below. Applicants are strongly advised to explicitly state and evidence how they meet each of the essential (and desirable) criteria in their application.

Stages of assessment are as follows:

- 1 – Application
- 2 – Test/Assessment Centre/Presentation
- 3 – Interview

### Essential Criteria

Area	Criteria	Stage
Experience	Industrial experience of Cyber Security and related topics.	1
	Specialist knowledge in at least one area of Cyber Security.	1, 3
	Experience of developing cyber strategies, policies or equivalent.	1, 3
	Evidence of implementing strategy to make operational improvements to existing cyber policies and procedures.	1, 3
	Have substantial expertise in the world of cyber security	1,3

Skills and abilities	Ability to present complex information effectively to students with diverse learning needs and abilities.	2,3
	Ability to design and deliver teaching and learning to undergraduate and postgraduate students.	3
	Ability to supervise projects at Undergraduate and Masters Level, including in groups.	3
	Ability to support students with their learning, including providing constructive feedback.	3
	Ability to speak effectively to large audiences.	3
	Ability to work as part of a teaching team.	2,3
	Ability to conduct research into cyber security.	2,3
	Ability to provide leadership and develop junior members of staff	1, 3
	Evidence of experience of working with industry and / or government on cyber security	1, 3
	Ability to develop, utilize and liaise with an external network of cyber security contacts across the UK.	1, 3
Qualifications	A relevant degree, or equivalent extensive experience in the field.	1
	A teaching qualification or willingness to achieve this at Loughborough, e.g. FHEA within the first 3 years of appointment.	1,3
Other	Commitment to the University's Equity Diversity and Inclusion agenda.	3
	Must be eligible to obtain and maintain a UK security clearance.	1,3

### Desirable Criteria

Area	Criteria	Stage
Qualifications	Any relevant industrial certification e.g. Microsoft or Cisco.	1
Experience	Experience of building and shaping communities of interest across government and industry on novel and innovative areas of cyber security policy and research.	1,3
	Experience of leading a community of action-based researchers and developing an interdisciplinary approach to cyber security and resilience.	1,3

### Conditions of Service

Salary will be on Specialist Supporting Academic Job Family, Grade 8, with salary band £57,696 - £64,914 per annum, at a starting salary to be confirmed on offer of appointment.

The appointment will be subject to the University's Terms and Conditions of Employment for staff grades 6 and above, details of which can be found [here](#).

The University is committed to enabling staff to maintain a healthy work-home balance and has a number of family-friendly policies which can be found [here](#).

The University offers a wide range of employee benefits which can be found [here](#).

We also offer an on-campus nursery with subsidised places, subsidised places at local holiday clubs and a childcare voucher scheme (further details are available at: <http://www.lboro.ac.uk/services/hr/a-z/childcare-information---page.html>)

In addition, the University is supportive, wherever possible, of flexible working arrangements. We also strive to create a culture that supports equality and celebrates diversity throughout the campus. The University holds a Bronze Athena SWAN award which recognises the importance of support for women at all stages of their academic career. For further information on Athena SWAN see <http://www.lboro.ac.uk/services/hr/athena-swan/>.