School of Science
Department of Computer Science

Loughborough University

Job Title: Lecturer in Computer Science (Networks)
Job Ref: REQ171124

As part of the University's ongoing commitment to redeployment, please note that this vacancy may be withdrawn at any stage of the recruitment process if a suitable redeployee is identified.

The Department of Computer Science http://www.lboro.ac.uk/departments/compsci/ is part of the School of Science http://www.lboro.ac.uk/science/ at Loughborough. The Department is looking to expand its strengths in the areas of *networking, internet, cloud computing and cybersecurity.* Successful candidates will undertake research alongside existing staff in these areas at Loughborough and will contribute to the learning and teaching of computer science and support Loughborough's already established excellent student experience.

Job Description

Please note that this is a generic job description for the position of Lecturer.

Job Grade

Research, Teaching and Enterprise, Grade 7

Job Purpose

To contribute to and enhance the research, teaching and enterprise activities of the Department of Computer Science in support of the University Strategy, Building Excellence. To deliver high quality research in one or more of the areas of networking, internet and cloud computing and cybersecurity. Furthermore, to contribute to teaching of these areas and wider computer science topics.

Job Duties

Research
- To pursue a personal research programme consistent with the research priorities of the Department of Computer Science in the School of Science that increases the global visibility and reputation of the University.
- To secure external research funding.
- To supervise and manage research projects.
- To publish the outcomes of research in outlets of international standing.
- To supervise postgraduate students at Masters and Doctoral levels.
- To collaborate in research initiatives with colleagues both within the University and externally.

Teaching
- To work with colleagues in the School to deliver an exceptional learning environment for students.
- To teach and inspire undergraduate and postgraduate students, and to conduct associated assessments.
- To provide academic and pastoral support to undergraduate and postgraduate students.
- To promote the use of a range of methods and techniques in teaching, learning and assessment.
- To engage in the evaluation and development of modules for which you have responsibility, in terms of content, delivery and assessment.
- To be responsible for the design and content of specific areas of teaching and learning within the School's undergraduate and postgraduate programmes.
- To cooperate with colleagues in the continuous review and development of the School's taught programmes and curriculum.

Enterprise
- To engage with business, public and voluntary organisations through knowledge exchange activities such as student projects and placements, research collaboration, consultancy and specialist training.
- To create social, cultural and economic impact from academic, especially research, activity.
- To secure external funding in support of these activities.
- To seek opportunities for the commercialisation of research and the formation of social enterprises.

Related Activities and Functions
- To work effectively with relevant administrative, technical and academic staff in the School and across the University.
- To carry out specific administrative roles and functions as may be reasonably required.
- To take part in and, on occasion, act as chair of one or more School committees.
- To engage in training programmes in the University (e.g. through Staff Development) which are consistent with your needs and aspirations and those of the School.
- To undertake such other duties as may be reasonably requested and that are commensurate with the nature and grade of the post.
- To engage fully with the annual Performance and Development Review (PDR) process.

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 Equality & 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 Dean of Science and the Head of Computer Science.

Special Notes

Applicants are asked to complete the application form, submit their current CV including publication record and a single A4 sheet containing the following information:

- Their name as on the application form.
- A list of their best papers and a 150-200 summary of each to indicate why they are rated this way in terms of originality and significance..
- An indication of the staff and research groups at Loughborough with whom they would expect to work closely.
- Up to 500 words of research plans should they be appointed to this position.

Person Specification

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

Stages of assessment are as follows
1. Application
2. Skype or telephone interview
3. Presentation to Staff and Students
4. Interview

Essential Criteria

Area	Criteria	Stage
Experience	Evidence of research and/or academic activity in Computer Science, as detailed in the Job Description (Job Purpose), fitting with Loughborough.	1,2
	Experience of working in a high quality academic research environment including experience at post-doctoral level or equivalent.	1
	Evidence of authoring original work, in the highest quality refereed academic outlets.	1
Skills and Abilities	Ability to develop an original research programme on your own initiative and to persuade others of its importance.	3,4
	Ability to identify and develop potential social / cultural / economic impact from professional activity.	3,4
	Knowledge of research and enterprise funding opportunities in UK HE and understanding of how to secure funding.	3,4
	Interpersonal skills which give you the ability to engage with students, colleagues, business and other agencies on a wide variety of matters.	2,3,4
	Ability to develop a teaching programme working with initiative and in collaboration with other staff.	2,4
	Ability to work as part of and to lead a team.	4
	An understanding of Loughborough's research strengths and its relationship to your discipline.	3,4
	A willingness to engage with current issues, challenges and opportunities faced in UK HE.	4
Education	First Degree and PhD in Computer Science or equivalent.	1
	Achieved, or a willingness to achieve, appropriate professional status, including FHEA.	1,2
Other	Commitment to observing the University's equal opportunities policy at all times.	4

Desirable Criteria

These criteria will be used to further filter candidates only when necessary. Please do not use absence of these as a reason not to apply.

Area	Criteria	Stage
Experience	Experience of teaching and assessment at undergraduate and postgraduate level.	1
	Experience of successfully supervising the projects of taught and research students or company staff at equivalent levels.	1
	Experience of work in or in collaboration with external organisations, e.g. industry, charities, etc.	1

Conditions of Service

The position is full -time and open-ended. Salary will be on Research Teaching and Enterprise, Grade 7, £39,992 - £47,722 per annum, at a starting salary to be confirmed on offer of appointment, subject to an annual pay award.

The appointment will be subject to the University's normal Terms and Conditions of Employment for Academic and Related staff, 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 are available 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 here.)

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/

Informal Enquiries

Informal enquiries should be made to Dr Iain Phillips, Head of Department, by email at I.W.Phillips@lboro.ac.uk or by telephone on +44 (0)1509 222690.

Applications

The closing date for receipt of applications is **1 January 2018**.