



**UNIVERSITY OF LINCOLN
JOB DESCRIPTION**

JOB TITLE	Senior Lecturer – Computer Science				
DEPARTMENT	School of Computer Science				
LOCATION	Brayford Campus				
JOB NUMBER	COS371	GRADE	8	DATE	November 2020
REPORTS TO	Head of School of Computer Science				

CONTEXT

The University of Lincoln is an ambitious Higher Education institution. The University was awarded Gold – the highest standard possible – in the 2017 Teaching Excellence Framework: a nationwide assessment of teaching quality across UK higher education institutions. It is also committed to growing student numbers, using new partnerships with external organizations and innovative forms of programme delivery.

The School of Computer Science is one of the University's more mature and longer-standing Schools and is central to the University's strategy to build its STEM provision and research excellence in the sciences. Its portfolio of research and teaching covers a wide spectrum of Computer Science, with strong research activity in two core Centres – the Lincoln Centre for Autonomous Systems (L-CAS) and the Laboratory Of Vision Engineering (LoVE) – and two research groups in Machine Learning/Data Science (mLearn) and in Interactive/Playful Technologies (intLab). The School offers undergraduate degrees in Computer Science and Games Computing, as well as a number of MSc programmes (e.g. Computer Science, Robotics & Autonomous Systems, Games Development & Design, and Intelligent Vision). It has also entered into an international transnational educational partnership (with more foreseen), whereby dual awards are available at the partner institutions. The School is also building up its internationally recognised research and teaching environment, with a focus on interdisciplinary working and research-engaged/-informed teaching.

We are looking to recruit an enthusiastic Senior Lecturer, who is specialised in one or more of the following areas: Data Science, Big Data Analytics, Cyber Security and/or Networking, to support the development and delivery of the curriculum in our Computing area which covers a range of undergraduate, postgraduate courses in Computer Science.

The post holder will take responsibility for the academic quality assurance and management of these programmes, and will be expected to contribute to the delivery of some modules on these and other awards across the School of Computer Science. Additionally, the post holder will be expected to lead in the strategic development of teaching and learning and education consultancy activities, by cultivating national and international partnerships to introduce new areas of activity.

The University is committed to building a culturally diverse institution, where all staff and students can flourish and feel valued for their contribution and individuality. We are encouraging talented people, whatever their background, to work and study here. All appointments are made on merit. We particularly welcome applications from suitably qualified female academics, as they are currently under-represented in positions within the School.

JOB PURPOSE

General

To work with colleagues on curriculum development and the advancement of relevant discipline areas within the University.

To plan, design and deliver teaching within programmes in relevant discipline areas.

To undertake student tutoring and support.

To conduct individual scholarly and/or professional practice-based projects that contribute to the profile of the School.

To carry out other activities in support of the academic work of the department/School particularly in relation to discipline and teaching scholarship and/or relevant professional practice with relevant organisations.

Specific to this post upon appointment:

This is a key post, either for an experienced Higher Education professional with knowledge of the requirements of the Computing sector, or for someone with a related industrial background, who has the desire and potential to forge an academic career. Using their experience of operational management, the post holder will play a key role in facilitating additional growth of technology-focused study programmes accredited by the University.

As an academic member of staff in a School of Computer Science, there will be a requirement to contribute to the delivery of the computing curriculum and to contribute to the research activity of the School, the specifics of which will be negotiable between the successful candidate and the Head of School. The post holder will be given support to build up their publications output, however, the primary role will be to take responsibility for the academic quality assurance and management of UG and/or PG programmes.

<https://www.lincoln.ac.uk/home/socs/>

KEY RESPONSIBILITIES

The responsibilities of a Senior Lecturer are wide ranging and may change over time according to the development needs of the department and the individual. In general, a Senior Lecturer can expect to undertake any of the following:

Teaching and Learning Support

- To engage in teaching on undergraduate and/or postgraduate level programmes, as determined by the Head of Department. The range of teaching duties may change from time to time.
- Take responsibility for the design, content and delivery of specific areas of teaching and learning, and for the quality of teaching delivered.
- Ensure that teaching content is appropriately informed by current research and advanced scholarly activity.
- Collaborate with colleagues in the continuous review and development of the department's programmes.
- Work in accordance with University policies and procedures to undertake assessment of students' work and give feedback.

Scholarly Activity and Professional Practice

- Conduct individual and/or collaborative scholarly and/or professional practice projects.
- Identify sources of funding and contribute to the projects of securing funds for own scholarly activities, where appropriate.
- Extend, transform and apply knowledge acquired from scholarship and professional practice to teaching and appropriate external activities.
- Work with relevant industry contacts to develop student or educational contract opportunities for the School/department.
- Work with colleagues in the School to develop relevant activities to enhance the income and reputation of the School and University.
- Develop consultancy activities with partners in relevant organisations.
- Engage in subject professional and pedagogy research, as required, to support teaching activities and contribute towards the priorities of the School.
- Ensure that outcomes of scholarly activity and/or professional practice are appropriately disseminated in peer reviewed outlets.
- Supervise and manage projects, if required.

Liaison and Networking

- Establish contacts within the wider community; disseminate knowledge through public activities which enhance the reputation of the School.
- Participate in academic activities with industry and other external partners.
- Maintain and develop links with relevant professional bodies and academic groups.
- Represent the School and the University on appropriate external bodies.
- Take part in relevant internal boards, committees and working groups at College or University level, as required.
- Liaise with subject librarians, central timetabling and other services to ensure resources available are appropriately deployed.

Team Working

- Act as a responsible team member; leading modules or programmes and co-ordinating the work of others to identify and respond to student needs although, at this level, this would not normally be expected for large or complex programmes, such as those involving split sites, or significant cross teaching.
- Expected to supervise the work of others and/or participate in peer observation of teaching. At this level, significant resourcing and identified staffing issues would be expected to be dealt with at a higher level.

Student Support

- Act as academic tutor to students, as allocated by the Head of Department, and act as first line contact for them for advice and support on academic matters; ensuring that students are directed to relevant support services when necessary.
- Supervise research degree students, as appropriate.
- Supervise student projects and placements, as appropriate.

Citizenship

- Contribute, as required, to the wider mission and reputation of the University, with active involvement in activities contributing to general University life, e.g. open days, student activities, alumni events and delivery of outreach activities, e.g. school visits, local community activities.
- Where appropriate, active participation in committees/groups contributing to University life, e.g. health and safety, customer service, equality diversity and inclusivity, sustainability and working groups.
- Engage in appropriate training programmes in the University; actively follow and promote University policies; and participate in the staff appraisal scheme.
- Where appropriate, contribute to the future development of the University and support the University's wider social, cultural and economic development of our region, with engagement and/or leadership of external partnerships; contributing to the civic mission of the University. Participation in external activities, such as volunteering, cultural activities, community activities.

In addition to the above, undertake such duties as may reasonably be requested and that are commensurate with the nature and grade of the post.

ADDITIONAL INFORMATION

Scope and dimensions of the role

Flexible working will be required. This may include occasional weekend work and the ability to work overseas for short periods of time.

Key working relationships/networks

Internal	External
<ul style="list-style-type: none">• Head of School• College Senior Academic Managers• College academic, administrative and technical staff• Support Services Staff	<ul style="list-style-type: none">• Relevant academic and professional groups• Relevant national, regional and international networks• External examiners



**UNIVERSITY OF LINCOLN
PERSON SPECIFICATION**

JOB TITLE	Senior Lecturer - Computer Science	JOB NUMBER	COS371
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Selection Criteria	Essential (E) or Desirable (D)	Where Evidenced Application (A) Interview (I) Presentation (P) References (R)
Qualifications:		
Relevant honours degree or equivalent	E	A
PhD in relevant discipline or equivalent demonstrated through professional practice record of achievement	E	A
HE teaching qualification (HE PGCE or HEA fellowship) OR a commitment to complete one	E	A
Experience:		
Relevant teaching in Higher Education OR relevant professional experience	E	A
Experience in curriculum development, preferably in a lead role	E	A/I
Development and innovation of teaching and learning methods	D	A/I
Effective use of digital learning management systems	E	A/I
Interdisciplinary work relevant to the School	D	A/I
Research interest in teaching and learning development	D	A/I
Undertaking subject, professional and pedagogy research to support teaching activities	E	A/I
Conducting individual or collaborative scholarly or professional practice-based projects	E	A/I
Skills and Knowledge:		
Depth and breadth of subject understanding	E	A
Evidence of continuing professional development	E	I
Knowledge of the Higher Education sector	D	A/I
Ability to teach and assess across the range of taught levels.	E	A/I
Ability to contribute to curriculum development	E	A/I
Ability to support students in their study through academic counselling	E	A/I
Ability to supervise student projects, and placements	E	A/I
Ability to work on own initiative	E	A/I
Excellent written and verbal communication skills	E	A/I
Good organisational and time management skills	E	I
Competencies and Personal Attributes:		
Enthusiasm and commitment	E	I
Team working	E	I

Flexibility and adaptability	E	I
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Essential Requirements are those without which a candidate would not be able to do the job. **Desirable Requirements** are those which would be useful for the post holder to possess and will be considered when more than one applicant meets the essential requirements.

Author	SAM	HRBA	
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