



## UNIVERSITY OF LINCOLN JOB DESCRIPTION

<b>JOB TITLE</b>	Senior Lecturer - Computer Science (Imaging - Vision)				
<b>DEPARTMENT</b>	School of Computer Science				
<b>LOCATION</b>	Brayford Campus				
<b>JOB NUMBER</b>	COS875	<b>GRADE</b>	8	<b>DATE</b>	February 2022
<b>REPORTS TO</b>	Head of Department				

### CONTEXT

The University of Lincoln is an ambitious higher education institution, amongst the UK's top 20 in The Guardian University Guide 2020. 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 has played a key part in achieving this success, pursuing a blend of fundamental, applied and interdisciplinary research, with particular strengths in Computer Vision, Machine Learning, Robotics and Autonomous Systems, and Human-Computer Interaction.

We seek to appoint a new Senior Lecturer with established research expertise and interests in image processing and computer vision, with applications to areas including (but not limited to) biomedical imaging, agri-technology, remote sensing, multispectral, etc. Candidates should hold a PhD, or be near to completion, and able to demonstrate a matching track record in relevant research areas. Once in post, you will be expected to develop your own research portfolio, acquire external funding, publish in the highest quality journals, and to conduct, direct and supervise research in line with the targets set by the School. You will be a member of the Laboratory of Vision Engineering (LoVE) in the School of Computer Science, a research group with an international reputation and scope currently spanning several topics including proton imaging, precision medicine and agriculture, image processing, quantitative analysis and intelligent machine vision.

You will be expected to take an active part in the activities of the School of Computer Science, such as contributing to the University's ambition of achieving international recognition as a research-intensive institution, conducting high quality research, seeking external research income, encouraging or facilitating commercial enterprise, and supervising postgraduate research students. The University provides excellent support and training for those new to lecturing. This includes mentorship, professional development guidance, and support towards achieving HEA qualification.

The University of Lincoln is a forward-thinking, ambitious and exciting institution, and you will be working in the heart of a thriving, beautiful, safe and friendly city. The School of Computer Science provides a stimulating environment for academic development, and it is located since 2017 in purpose-built co-located facilities on the picturesque Brayford Pool waterfront campus.

As a member of the Athena SWAN Charter, we are committed to advancing gender equality in STEM, and we also strongly encourage applicants from underrepresented ethnic minority groups to apply.

## **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 contribute to the research profile of the department.

To carry out other activities, in support of the academic work of the department.

## 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.

### Research and Scholarly Activity

- Make a contribution to the research profile of the department, School or College, and pursue a personal research programme, consistent with the department's research priorities.
- Have sufficient outputs to be returned in the REF, at agreed minimum standards, inclusive of complex circumstances.
- Collaborate in research activities and initiatives with colleagues in and beyond the department.
- Engage in subject professional and pedagogy research, as required, to support teaching activities.
- Ensure that outcomes of research and scholarly activity are appropriately disseminated in peer reviewed outlets.
- Apply for grant funding and manage, as appropriate, any grants which are secured.
- Supervise and manage research projects, if required.

### Liaison and Networking

- Establish contacts within the wider community; disseminate knowledge through public activities which enhance the reputation of the department, School or College.
- Participate in academic activities with industry and other external partners.

- Maintain and develop links with relevant professional bodies and academic groups.
- Represent the School or College 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.
- May be expected to supervise the work of others and/or participate in peer observation of teaching.

#### **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 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; mentoring; personal tutoring and engagement with student support; and delivery of outreach activities, e.g. school visits, local community activities.
- Active participation in committees/groups contributing to University life, e.g. health and safety; 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 and yearly Individual Research Plan (IRP).
- 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, School Governor, 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

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

## UNIVERSITY OF LINCOLN PERSON SPECIFICATION

<b>JOB TITLE</b>	Senior Lecturer	<b>JOB NUMBER</b>	COS875
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Selection Criteria	Essential (E) or Desirable (D)	Where Evidenced Application (A) Interview (I) Presentation (P) References (R)
<b>Qualifications:</b>		
Relevant honours degree or equivalent	<b>E</b>	<b>A</b>
PhD in relevant discipline or equivalent demonstrated research record (normally by publication but, where appropriate, through professional achievement)	<b>E</b>	<b>A</b>
HE teaching qualification (HE PGCE or HEA fellowship) OR a commitment to complete one	<b>E</b>	<b>A</b>
<b>Experience:</b>		
Relevant teaching in Higher Education <b>OR</b> relevant professional experience	<b>E</b>	<b>A</b>
Development and innovation of teaching and learning methods	<b>D</b>	<b>A/I</b>
Interdisciplinary work relevant to the department	<b>D</b>	<b>A/I</b>
Research interest in a relevant area of work	<b>D</b>	<b>A/I</b>
Research supervision	<b>D</b>	<b>A/I</b>
Proven record of outputs that would be returnable in the REF	<b>E</b>	<b>A/I</b>
<b>Skills and Knowledge:</b>		
Depth and breadth of subject understanding	<b>E</b>	<b>A/I</b>
Evidence of continuing professional development	<b>E</b>	<b>I</b>
Knowledge of Higher Education	<b>D</b>	<b>A/I</b>
Ability to teach and assess across the range of taught levels offered	<b>E</b>	<b>A/I</b>
Ability to contribute to curriculum development	<b>E</b>	<b>A/I</b>
Ability to support students in their study through academic counselling	<b>E</b>	<b>A/I</b>
Ability to supervise research students	<b>E</b>	<b>A/I</b>
Ability to work on own initiative	<b>E</b>	<b>A/I</b>
Excellent written and verbal communication skills	<b>E</b>	<b>A/I</b>
Good organisational and time management skills	<b>E</b>	<b>I</b>
<b>Competencies and Personal Attributes:</b>		
Enthusiasm and commitment	<b>E</b>	<b>I</b>
Team working	<b>E</b>	<b>I</b>
Flexibility and adaptability	<b>E</b>	<b>I</b>

**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.

<b>Author</b>	SP	<b>HRBA</b>	DB
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