



**UNIVERSITY OF LINCOLN
JOB DESCRIPTION**

JOB TITLE	Lecturer - Computer Science (Imaging - Vision)				
DEPARTMENT	School of Computer Science				
LOCATION	Brayford Campus				
JOB NUMBER	COS875	GRADE	7	DATE	February 2022
REPORTS TO	Head of School				

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 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 deliver teaching over a range of modules within an established programme.

To undertake student tutoring and support.

To contribute to the research profile of the department.

To carry out a limited number of additional activities, in support of the academic work of the department.

KEY RESPONSIBILITIES

The responsibilities of a Lecturer are wide ranging and may change over time according to the development needs of the department and the individual. In general, a 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.
- Contribute to the design, content and delivery of specific areas of teaching and learning, and to the quality of teaching delivered.
- Collaborate with colleagues in the continuous review and development of the department's programmes.
- Take responsibility for the co-ordination of modules, when appropriate to do so and after gaining sufficient relevant experience.
- 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.
- Collaborate in research activities and initiatives with colleagues in and beyond the department, if appropriate.
- 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.
- Have sufficient outputs to be returned in the REF, at agreed minimum standards, inclusive of complex circumstances, or at least demonstrate a clear and achievable plan to secure a return if an early career researcher.
- Apply for grant funding and manage, as appropriate, any grants which are secured.

Liaison and Networking

- Establish contacts within the wider community, where possible; forging relationships for future collaboration.
- Develop links with relevant professional bodies and academic groups.
- Develop involvement in academic activities with industry and other external partners.

- Take part in relevant internal committees and working groups.
- Liaise with subject librarians, central timetabling and other services, to ensure resources available are appropriately deployed.

Team Working

- Work as a member of a team, collaborating on curriculum development and contributing to departmental meetings.
- Begin to co-ordinate the work of others, when appropriate, by taking responsibility for module co-ordination.

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.
- Take part in the supervision of 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

Key working relationships/networks	
Internal	External
<ul style="list-style-type: none">• Head of Department• College Senior Academic Managers• Departmental 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**

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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
Working to or having completed a PhD in relevant discipline or equivalent demonstrated research record (normally by publication but, where appropriate, through professional achievement)	E	A
HE teaching qualification (HE PGCE or HEA fellowship) OR a commitment to complete one	E	A
Experience:		
Teaching in Higher Education	D	A/I
Curriculum development	D	A/I
Development and innovation of teaching and learning methods	D	A/I
Interdisciplinary work relevant to the department	D	A/I
Proven record of outputs that would be returnable in the REF	E	A/I
Skills and Knowledge:		
Evidence of continuing professional development	D	A/I
Developing depth and breadth of subject understanding	E	I
Knowledge of Higher Education	D	A/I
Ability to develop excellent teaching and assessment skills across the range of taught levels offered	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 work on own initiative	E	A/I
Competencies and Personal Attributes:		
Enthusiasm	E	I
Commitment	E	I
Team working	E	I
Good interpersonal skills	E	I
Flexibility and adaptability	E	I

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	SP	HRBA	DB
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