UNIVERSITY OF LINCOLN
JOB DESCRIPTION

JOB TITLE	Reader in Computer Science (HCI/Games Computing)				
DEPARTMENT	School of Computer Science				
LOCATION	Brayford				
JOB NUMBER	MHT106	GRADE	9	DATE	October 2016
REPORTS TO	Head of School				

CONTEXT

The University of Lincoln is an ambitious institution with high aspirations and a rapidly improving profile. Its strategy is to combine outstanding, high-impact research with a superb student experience.

The School of Computer Science has an excellent reputation both in the quality of its published outputs and in generating external income to fund a range of innovative and impactful projects. The School's research is largely driven and managed through three Research Centres that specialise in computer vision, robotics and autonomous systems, and human-computer interaction. The post holder will join a new research group in Interaction Technologies at the School of Computer Science. It is envisaged that the new group will focus on research into theoretical aspects, methodologies and practical applications of games, HCI and creative and cultural computing. We are seeking a good team worker who will be able to both align with and supplement our existing research activity.

The School of Computer Science at the University of Lincoln has scored highly in the recent independent performance measures of UK university computing departments; in the top 20% for overall student satisfaction (NSS 2016), the top 50 for research excellence in its publications (RAE 2014) and approximately 10% above the sector average for graduate employability (DLHE 2014). In the most recently published subject league tables (Sunday Times 2015; Complete University Guide 2016) the School is the highest ranked 'new' (post 1992) computer science department in the country.

The School is expanding rapidly reflecting our reputation and success which will allow us to increase our staff base significantly over the medium term. In 2017 we will move to new, purpose-built accommodation on the University's Brayford Pool development in the centre of Lincoln.

As a Reader in the School you will be expected to be a research leader who has achieved a high standard of scholarship and has a substantial record of on-going research of international quality. Readers will be expected to have an appropriate balance of research and teaching within their portfolio and to evidence potential to progress to a professorial appointment.

JOB PURPOSE

To generate high quality personal research outcomes and outputs, provide leadership in the development of research initiatives, and to contribute to research-related teaching and learning through delivery and curriculum innovation aligned to Computer Games, Serious Games, Human Computer Interaction and the wider activities of the Interaction Technologies research group.

To contribute to the delivery and development of our Games Computing curriculum at undergraduate and postgraduate levels.

To deliver teaching over a range of modules within our established programmes.

To undertake student tutoring and support.

To carry out additional activities, as required, in support of the academic work of the department.

KEY RESPONSIBILITIES

Research

To enhance and promote the research culture in the subject area and to contribute to the strategic development of research in their School or College, including by:

- Demonstrating a strong international profile within their discipline
- Conducting research of an international standard
- Publishing (or equivalent) research outputs of internationally recognised quality.
- Have sufficient outputs to be returned in the REF at agreed minimum standards inclusive of complex circumstances.
- Developing externally funded research projects.
- Working (possibly with others) on the writing of bids to external funding sources.
- Contributing to research by participating in relevant research groups/committees.
- Linking their research profile to education and the professional sector as appropriate.
- Developing links with relevant local, national and international organisations with a view to enhancing research in cognate fields.
- Contributing to research development events for staff.

Teaching and Learning

To contribute to the subject portfolio of programmes, including postgraduate/research degrees by:

- Teaching and supervision on relevant programmes.
- Supporting students undertaking doctoral research in their subject and supervising them to completion.
- Informing curriculum development and delivery, at postgraduate and other levels.
- 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

Liaison and Networking

- Establish contacts within the wider community; disseminate knowledge through public activities which enhance the reputation of the 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 Department 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 School 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.

Other
• Carry out specific departmental roles and functions as may reasonably be required – these being equitably distributed across the academic staff. A Reader will typically take on a role of significant importance at Institutional level • Assist in student recruitment activities, including interviews, open days and external recruitment events • Engage in appropriate training programmes in the University • Actively follow and promote University policies • Participate in the staff appraisal scheme

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
All academic staff are expected to contribute fully to the School's focused approach towards research, publication and external income generation. The Reader will be expected to lead by example in research and to support the research activities of individuals/research groups in the area in which they are appointed. Candidates will therefore have to evidence their leadership skills relevant to research, as well as their own personal high quality research record. This record should cover such aspects as their research outputs (including publications), research grants and research supervision. The post holder will be expected to maintain and develop their own research at a high level and to be a significant contributor to external research audits.

Key working relationships/networks	
Internal	**External**
- Pro Vice Chancellor and Head of College - Dean of Research - Head of School - Other academics inside/outside the College - Research and other students - Administrative staff - Service staff - Other Colleges within the University	- External agencies - Funding bodies e.g. Research Councils - Professional& Regulatory Bodies, Educational establishments and organisations e.g. other universities - Professors, Readers, Senior Research Fellows and other researchers elsewhere - Suppliers of goods and services - Visitors/general public

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:		
A postgraduate qualification (or equivalent) in relevant discipline	E	A
HE teaching qualification (HE PGCE or HEA fellowship) OR a commitment to complete one	E	A
Experience:		
Proven record of outputs that would be returnable in the REF	E	A/I
Experience of developing funded research projects in the specialist area	E	A/I
Experience of working within a research team	D	A/I
Experience of teaching postgraduate students	D	A/I
Experience of supervising research students (preferably to completion)	E	A/I
Experience of efficient administration and management of research and/or teaching programmes	E	A/I
Skills and Knowledge:		
Evidence of a substantial research profile in subject area	E	A/I
Evidence of successful engagement (projects/funding) with key external agencies	E	A/I
Able to demonstrate leadership skills in relation to research initiatives	E	A/I
Able to apply research to teaching and learning	E	A/I
High level of verbal and written communication skills	E	A/I
Able to organise and prioritise own workload	E	A/I
Able to build effective working relationships with a wide range of staff and external agencies	E	A/I
Competencies and Personal Attributes:		
Able to work as part of a team	E	I
Initiative and independence in thinking/approach	E	I
Organised and methodical in the management of self and others	E	I
Positive and proactive in approach	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** | KJ | **HRBA** | HDR |