

**Job Description**

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| Job Title: | Lecturer in Computer Science |
| Faculty/Professional Directorate: | School of Digital and Physical Sciences |
| Subject Group/Team: | Computer Science |
| Reporting to: | Head of School |
| Duration: | Continuing |
| Job Family:  | Academic |
| Pay Band: | 8 |
| Benchmark Profile: | Teaching and Research Band 8 |
| DBS Disclosure requirement: | N/A |
| Vacancy Reference: |  |

**Details Specific to the Post**

**Background and Context**

The University of Hull is seeking to appoint a Lecturer in Computer Science within the School of Digital and Physical Sciences. The School brings together the disciplines of Computer Science, Mathematics, and Physics, alongside the Centre of Excellence for Data Science, Artificial Intelligence, and Modelling (DAIM). It forms part of the Faculty of Science and Engineering, one of three faculties within the University.

### Specific Duties and Responsibilities of the post

We are particularly interested in candidates with expertise in Cyber Security or Computer Graphics:

**Cyber Security:** We are preparing to launch an exciting new undergraduate programme in Cyber Security. The successful candidate will play a leading role in shaping and delivering this programme from its inception.

**Computer Graphics:** Candidates with a background in this area will contribute to our renowned Virtual Environments and Simulation team and join the longest-running Games Development programme in England—home to alumni credited with over 650 AAA game titles.

Computer Science has a strong legacy of delivering BSc, MEng, and MSc programmes accredited by the British Computer Society (BCS). With around 600 undergraduates and 50 MSc students, our teaching and research strengths lie in Artificial Intelligence, Software Engineering, Games Development, and Robotics.

The University is investing significantly in digital innovation and sustainability, with Computer Science playing a central role. Our staff contribute to key interdisciplinary initiatives, including:

* The Energy and Environment Institute – supporting research and doctoral training with a focus on achieving net-zero goals.
* The AURA initiative – shaping the future of offshore wind and low-carbon energy through research, training, and innovation.

We maintain strong links with industry and are proud of our proactive outreach to local schools and colleges

**GENERIC JOB DESCRIPTION**

The job duties and responsibilities listed below are intended to describe the general nature of the role. The duties and responsibilities and the balance between the elements in the role may change or vary over time depending on the specific needs at a specific point in time or due to changing needs in the department. Candidates should note that there may not be an immediate requirement to carry out all the activities listed below.

### Overall Purpose of the Role

This role will be carried out by individuals with extensive experience in teaching and research usually by progression from the corresponding band 7 role. Direct appointments to this level may be made where it is clear the staff have appropriate experience.

At this level, role holders’ contribution spans scholarship, teaching, research and related administration, though the weight allocated to each of these strands will vary from role to role and from time to time for individual role holders.

The role holder will:

* Have the ability to design and deliver course materials as well as experience and demonstrated success in delivering teaching including identifying current areas for revision and improvement
* Will have extensive research experience within subject specialism and conduct individual and collaborative research projects, including developing research objectives and proposals which will be advancing the state of knowledge in their particular discipline.
* Write individually or contribute to publications and present at conferences or other events.
* Will contribute to department/faculty through leadership and management and have the ability to take responsibility for effective deployment of resources, contribute to the broader management processes and have skills in managing and motivating staff.

Role holders at this level will be expected to be establishing a reputation nationally and emerging reputing internationally within their academic specialism.

**Main Work Activities**

### Teaching and Learning

1. Design and deliver teaching material across a range of modules or within a subject area using appropriate teaching, learning support and assessment methods.
2. Supervise student projects, field trips and, where appropriate, placements.
3. Identify areas where current provision is in need of revision or improvement.
4. Contribute to the planning, design and development of objectives and material.
5. Set, mark and assess work and examinations and provide feedback to students.

**Research**

* Develop research objectives, projects and proposals.
* Conduct individual or collaborative research projects.
* Identify sources of funding and contribute to the process of securing funds.
* Write or contribute to publications or disseminate research findings using other appropriate media.
* Make presentations at conferences or exhibit work at other appropriate events.

**Relationships and Team working**

* Develop and build internal and external contacts which may include:
* identifying sources of funding
* contributing to student recruitment
* securing student placements
* marketing the institution
* facilitating outreach work
* generating income
* obtaining consultancy projects
* Advise and support colleagues with less experience and advise on personal development.
* May be expected to supervise the work of others, for example, research teams or projects or as PhD supervisor.
* Act as a responsible team member and develop productive working relationships with other members of the team.
* Collaborate with colleagues to identify and respond to students’ needs.
* Act as programme leader/course leader/module leader.

### Additionally the post holder will be required to:

* Fulfil the employees’ duties described in the University’s health and safety policies and co-operate with the health and safety arrangements in place within the department. May be required to undertake specific health and safety roles on request e.g. Display screen equipment assessor, departmental safety officer, fire warden etc.
* Show a commitment to diversity, equal opportunities and anti-discriminatory practices this includes undertaking mandatory equality and diversity training.
* Comply with University regulations, policies and procedures.

**PERSON SPECIFICATION – Teaching and Research Band 8**

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| **Specification** | **Essential**  | **Desirable** | **Examples Measured by** |
| **Education and Training**Formal qualifications and relevant training | * A good degree and a PhD in relevant discipline
* Recognised professional accreditation (where appropriate)
* A minimum requirement to be at Associate Fellow level as represented within the UK Professional Standards Framework with the expectation of being at Fellow level within 2 years from commencement of the post
 | * Masters or PhD in Cyber security or Computer Graphics or demonstrable equivalent experience.
* PGCertHE/PCAP or equivalent training to teach in HE
 | **Essential*** Application
* Application
* Application

**Desirable*** Application
* Application
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| **Work Experience**Ability to undertake duties of the post | **Evidence of:*** Reputation nationally and internationally for research, reflected in sustained output, level of innovation, impact on discipline or profession and recognition in high-impact factor journals
* Research experience in the Department’s main research themes
* Excellence in teaching from peer review, from student assessment/feedback, and /or from examination results
* A track record of attracting research funds
* Evidenced experience of research and teaching in cyber security or computer graphics
 | * A significant number of presentations at national and/or international conferences.
* Membership of Departmental Teaching Committee or equivalent
* Record of PGR supervision
* Experience of lecturing to large and small cohorts
* Experience of setting and supervising student projects at UG and PGT level
* Experience/understanding of module design including content selection, preparation of teaching materials and lab classes, assessment design
 | **Essential*** Application
* Application / Interview
* Application / Interview
* Application
* Application / Interview

**Desirable*** Application
* Application
* Application
* Interview
* Interview
* Interview
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| **Skills and Knowledge**Includes abilities and intellect | **Evidence of:** * An extensive knowledge and understanding of undergraduate and postgraduate in (Department or discipline)
* An ability to develop new courses and actively contribute assessment examinations
* An ability to communicate complex conceptual ideas to widely divergent audiences.
* Effective management of resources e.g. financial, equipment etc
* Knowledge of Cyber Security or Computer Graphics.
 | **Evidence of active contribution and influence in the following areas**: * Effective management of research project resources
* Ability to motivate research teams to deliver high quality outputs
* Accreditation of courses by professional bodies
* Acting as a visiting examiner at other Institutions
* Involvement with external quality audit or assessment
 | **Essential*** Interview/Other
* Interview
* Interview
* Application / Interview
* Interview

**Desirable*** Interview
* Interview
* Interview
* Application
* Application
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| **Personal Qualities**Includes any specific physical requirements of the post – (subject to the provisions of the Equality Act 2010)This includes information about how you meet the requirements under additional information as stated in the job description documentation. | **Evidence of**:* A positive contribution to University activities and initiatives including open days, graduation ceremonies etc. and willingness to undertake administrative activities
* Working in an open and transparent way, providing information and communicating effectively with colleagues
* Collaborative working Continuous Professional Development
 | * Collaborative working, particularly on interdisciplinary activities
* Evidence of effective communication in the context of taught programmes, e.g. with students, personal tutees, supervisees
* Evidence of contribution to department, university, and national/international committees, university activities, professional bodies, outreach, CPD activities, etc.
 | **Essential*** Interview
* Interview
* Interview

**Desirable*** Interview
* Interview / Other
* Interview
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