

JOB DESCRIPTION

Job Title:	Lecturer/Senior Lecturer in Data Science (Databases)	Grade:	AC2/AC3
Department:	School of Computing and Mathematical Sciences	Date of Job Evaluation:	
Role reports to:	Head of School		
Direct Reports	N/A		
Indirect Reports:	N/A		
Other Key contacts:	Programme Leaders		
<p>This role profile is non-contractual and provided for guidance. It will be updated and amended from time to time in accordance with the changing needs of the University and the requirements of the job.</p>			

PURPOSE OF ROLE:

To conduct quality research and teaching on undergraduate and postgraduate programmes in Computer Science, with a particular focus on Data Science (Databases). The role will focus on delivering high quality education in a variety of formats as well as research and enterprise activities. The person appointed will be expected to:

- Contribute to the delivery of existing teaching, course development, and to participate in the research and/or enterprise activities of the School
- Engage in research and/or scholarship and professional practice across the subject area
- Contribute more widely to the design and delivery of teaching activities, reflecting the successfully candidate's own subject specialism appropriate for the needs of a diverse student body; across the range of courses offered by the School

Candidates appointed at Senior Lecturer level are expected to demonstrate emerging leadership in a subject area and a growing reputation and impact across the Faculty, University, and more widely.

KEY ACCOUNTABILITIES:**Team Specific:**

- Contribute to the delivery of high quality, innovative and effective teaching and new teaching initiatives, including inclusive approaches to setting and marking assessment
- Lead on personal and academic tutoring of undergraduates
- Lead and support others in the design and develop of new courses/modules demonstrating excellent curriculum design;
- Contribute to subject, professional and/or pedagogical research leading to the publication and/or dissemination of original work
- To contribute to the development of funding bids which contribute to the acquisition of internal and external resources to fund research, enterprise or teaching projects
- Contribution to the continuous improvement of the student experience or Lead courses/modules effectively including adopting a responsive approach to students
- Effective cross working with Professional Services to support students
- Contribute to relationship management and engagement with key external bodies for teaching at a regional and national level, as well as the national or regional public/cultural sectors/business, industry/professional bodies in relation to teaching, research or enterprise
- Maintain effective, high quality and productive working relationships with professional bodies and employers
- Supervision of undergraduate and postgraduate students
- Work with other academics and the administrative teams to deliver excellent student care and support student success and employability
- Contribute to the general academic administrative work of the Department and Faculty

Generic:

- Assist the Management Team in achieving the Department's KPIs
- Contribute to departmental plans, activities and efficient working practices
- Participate in visit to schools, local community groups, public engagements and related activity
- Demonstrate a commitment to equality, diversity and inclusion through teaching practice and / or engagement with University initiatives
- Contribute to peer review and departmentally based teaching development activities
- Promote your work and represent your discipline and the work of the University internally and externally, and take a proactive approach to ethical, good practice

Managing Self

- Develop expertise in inquiry/research-informed teaching with an increasing degree of autonomy
- Keep abreast of developments within the field and seek continuous improvement of own professional practice
- Actively participate in established professional development framework activities
- Behave in a manner which reflects the University values and creates a positive environment for work and study
- Maintain a high standard of student engagement and satisfaction
- Seek to maximise the learning outcomes of students

Core Requirements

- Adhere to and promote the University's policies on Equality and Diversity and Information Security;
- Ensure compliance with Health & Safety and Data Protection Legislation;
- Support and promote the University's Sustainability policies, including the Carbon Management Plan, and carry out duties in a resource efficient way, recognising the shared responsibility of minimising the university's negative environmental impacts wherever possible.

Additional Requirements:

Any other duties commensurate with the post and grade as agreed with the Head of School and the PVC of the Faculty.

KEY PERFORMANCE INDICATORS:

Performance Indicators will be established in consultation with the Head of Department as part of the post-holder's annual Appraisal and Professional Development Review

KEY RELATIONSHIPS (Internal & External):

School Management Team, Faculty administration, School partner institutions

PERSON SPECIFICATION

Essential	Desirable
<p>Experience</p> <ul style="list-style-type: none"> • Delivery at undergraduate and/or postgraduate level in the field of Data Science (Databases) • Leading and contributing to research, enterprise and other scholarly activities in one or more Data Science topics • Conducting high quality, innovative and effective teaching on postgraduate and/or undergraduate programmes • Leading courses/modules effectively including adopting a responsive approach to students • Student care and pastoral provision <p>Skills</p> <ul style="list-style-type: none"> • Familiarity with two or more Big Data systems (Hadoop, Spark, Dask, MongoDB, Neo4j, AllegroGraph) • Good background in Databases • Python, R or Scala • Outstanding organisational, IT communication and interpersonal skills <p>Qualifications</p> <ul style="list-style-type: none"> • PhD in Computer Science or related field relevant to the position <p>Personal attributes</p> <ul style="list-style-type: none"> • We are looking for people who can help us deliver the values of the University of Greenwich: Excellence, Determination, Inclusivity, Ambition and Creativity 	<p>Experience</p> <ul style="list-style-type: none"> • Postgraduate teaching /supervision • Creating professional/community partnerships • Ability to teach across disciplines • Leading on external accreditation activity • Designing and leading significant teaching and assessment activity • High quality publications • Initiating the development of Research bids <p>Skills</p> <ul style="list-style-type: none"> • Curriculum development in one or more relevant areas of Computer Science • Individual and /or collaborative income generation • Application for research funding and other bids • Ability to engage with and respond to student feedback <p>Qualifications</p> <ul style="list-style-type: none"> • Teaching qualification <p>Personal attributes</p> <ul style="list-style-type: none"> • N/A