Job Description

Job title	Lecturer in Computer Science
School / department	School of Computing and Engineering
Grade	6
Line manager	Subject Head - Computing
Responsible for (direct reports)	
Date of creation or review	04/10/2021

Main purpose of the job
A short summary of the role

To develop as well as deliver undergraduate and postgraduate modules in Computer Science within the School of Computing and Engineering commensurate with technical knowledge and prior experience.

To contribute significantly to research, enterprise development and commercial training in appropriate sub-discipline(s) in Computer Science.

To contribute to community and business engagement activities of the School.

Key areas of responsibility
Description of the key duties and responsibilities associated with the role (bullet pointed or numbered).

To teach on undergraduate and postgraduate modules related to Computer Science as well as on other modules offered by the Computing Subject group as required. A demonstrated expertise is required in the following disciplines of Computer Science: Programming, Algorithms, Computer Logic and Architecture, Database Design, Artificial Intelligence and Machine Learning.

As a member of the teaching team, to contribute to the delivery of quality learning opportunities for our students. This will involve:

- Developing and using appropriate teaching methods and learning resources as necessary,
- Undertaking whatever examination and assessment preparation and marking may be required by the teaching programme,
- Undertaking evaluation of the teaching and learning experience,
- Undertaking administrative duties associated with the management of the University and its courses as necessary.

To supervise and manage student projects at undergraduate and postgraduate as appropriate.

To provide pastoral care for students.

To contribute to new course developments as necessary, including the development and delivery of commercial education and training.

To contribute to approved research and enterprise development activities either on an individual basis or as part of collaborative projects, and publish outputs in outlets of appropriate national and international standing.

To keep abreast of relevant technical developments and to undertake self-development by participation in the university staff appraisal scheme and in-service training programme, as appropriate.

To contribute to activities which promote the School of Computing and Engineering both locally, nationally and internationally.

To undertake other duties as required by the University, commensurate with the post.

In addition to the above areas of responsibility the post-holder maybe required to undertake any other reasonable duties relating to the broad scope of the position, commensurate with the post, and in support of the University.

Dimensions / back ground information
Organisational chart or some further information about the School/College/department.

Person Specification

	Criteria	Essential or Desirable[1]	Demonstrated[2]		
			Application	Interview	Test / Exercise
Qualifications and/or membership of prof. bodies This section reflects the appropriate level of expertise required by the role.	Example Criteria	Essential	x	x	
	PhD in a relevant field	Essential	x	x	
	Fellow of Higher Education Academy	Desirable			
	PG Certificate in HE (or willingness to enrol on PGCHE programme at UWL)	Desirable			
Knowledge and experience This section reflects the level of knowledge and experience of the key aspects of the role, as described in the job description.	Evidence of ability to teach relevant computing subjects at both undergraduate and postgraduate level in higher education	Essential	x		
	Established research track record, or equivalent industrial experience, with appropriate outputs in a discipline relevant to computing	Essential	x	x	
	Experience/knowledge of: Programming, Algorithms, Computer Logic and Architecture, and Database Design.	Essential	x	x	
	Experience/knowledge of: Cyber Security, Artificial Intelligence and Machine Learning.	Desirable			
	Experience of collaborating with industry	Desirable			
Specific skills to the job This section identifies job-specific skills required which might be completely unnecessary for other jobs but are critical to this particular job.	Ability to teach on undergraduate and postgraduate computing courses	Essential	x		
	Ability and willingness to contribute to team teaching	Essential	x		

	Ability to undertake research and consultancy work in a relevant field and to agreed targets	Essential			
	Evidence of scholarly activity in the form of recent publications	Essential			
General skills This section identifies transferable skills that you use for almost every job.	Effective oral and written communication skills	Essential	x		
	Ability to work with minimal supervision	Essential			
Other This section should be used to make candidates aware of any special circumstances pertaining to the post.	Experience of module / course management or development	Desirable			
	Experience of submitting and obtaining research grants	Desirable			

Disclosure and Barring Scheme   Is a DBS Check required: (DBS (Please Select from drop down list ___))

Before making a selection, please refer to the University's Disclosure and Barring Checks Guidance for Staff and Criminal Convictions, Disclosures and Barring Staff Policy and Procedure. If a DBS check is required for the role, a **Check Approval Form** will need to be completed.

[1]**Essential Criteria** are those, without which, a candidate would not be able to do the job. Applicants who have not clearly demonstrated in their application that they possess the essential requirements will normally be rejected at the shortlisting stage.

Desirable Criteria are those that would be useful for the post holder to possess and will be considered when more than one applicant meets the essential requirements, to determine which applicants to shortlist.

[2]**Demonstration:** Select the Recruitment Process stage at which the candidates will have to demonstrate that they meet the criteria. Criteria which have to be demonstrated at application stage should be mentioned in the Recruitment Information Pack as Pre-Selection/Killer Questions, Shortlisting Questions or Shortlisting Criteria. Other criteria should be evaluated and tested at interview stage (e.g. through interview questions) or through additional tests, exercises or presentations. Criteria can (and should) be demonstrated at multiple stages.