

## Job Description

<b>Job title</b>	Lecturer / Senior Lecturer in Computer Science and Cyber Security
<b>School / department</b>	School of Computing and Engineering
<b>Grade</b>	6/7
<b>Line manager</b>	Head of Computing Subject
<b>Responsible for</b>	

### Main purpose of the job

To develop as well as deliver undergraduate and postgraduate modules in Computer Science and in particular Cyber Security 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

- 1 To teach on undergraduate and postgraduate modules related to Computer Science and Cyber Security 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 and Cyber Security: Programming, Algorithms, Databases and Analytics, Artificial Intelligence and Machine Learning, Cryptography, Computer and Network Security, and Information Security Management.
- 2 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.
- 3 To supervise and manage student projects at undergraduate and postgraduate as appropriate.
- 4 To provide pastoral care for students.
- 5 To contribute to new course developments as necessary, including the development and delivery of commercial education and training.
- 6 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.
- 7 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.

- 8 To contribute to activities which promote the School of Computing and Engineering both locally, nationally and internationally.
- 9 To undertake other duties as required by the University, commensurate with the post.

## Person Specification

<b>CRITERIA</b>	<b>ESSENTIAL</b>	<b>DESIRABLE</b>
<b>Qualifications:</b>	<p>PhD in a relevant field</p> <p>Fellow of Higher Education Academy</p> <p>PG Certificate in HE (or willingness to enrol on PGCHE programme at UWL)</p>	<p>Member of an appropriate professional body</p>
<b>Knowledge and Experience:</b>	<p>Evidence of ability to teach relevant computing and cyber security subjects at both undergraduate and postgraduate level in higher education</p> <p>Established research track record, or equivalent industrial experience, with appropriate outputs in a discipline relevant to computing</p> <p>Demonstrated knowledge of current computing and cyber security practice</p> <p>Experience/knowledge of: Programming, Algorithms, Cryptography, Computer and Network Security, Information Security Management, Databases and Analytics.</p>	<p>Experience of module / course management or development</p> <p>Experience of submitting and obtaining research grants</p> <p>Experience of collaborating with industry</p> <p>Experience/knowledge of: Artificial Intelligence and Machine Learning</p>
<b>Specific Skills:</b>	<p>Ability to teach on undergraduate and postgraduate computing courses</p> <p>Ability and willingness to contribute to team teaching</p> <p>Practical laboratory skills relevant to the subject area</p> <p>Ability and willingness to work in teaching and curriculum development</p> <p>Ability to undertake research and consultancy work in a relevant field and to agreed targets</p> <p>Evidence of scholarly activity in the form of recent publications</p>	<p>Evidence of consultancy and/or professional practice</p>
<b>General Skills:</b>	<p>Effective oral and written communication skills</p> <p>Ability to work with minimal supervision</p>	

**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