

<b>Job Title</b>	Assistant Professor/Associate Professor/Full Professor in Computer Science
<b>School/Department</b>	School of Computer Science
<b>Job Level</b>	UNNC Scale B Level 5/6/7
<b>Job Family</b>	Research and Teaching
<b>Contract Status/ Appointment Duration</b>	This post is available from April 2025 or as soon as possible and will initially be offered on a fixed-term contract with the University of Nottingham Ningbo China for a period of up to five years. This contract may be extended on an indefinite basis based on mutual agreement.
<b>Location</b>	University of Nottingham Ningbo China
<b>Hours of Work</b>	Irregular working hours
<b>Responsible to</b>	Head of School of Computer Science

## Purpose of role:

The purpose of this role will be to lead and deliver individual and collaborative research and teaching in the area of Cybersecurity, artificial intelligence, and software engineering and make a contribution to the direction of research programmes in the School of Computer Science.

The role will be responsible for generating new intellectual understanding/knowledge through the application of knowledge and for developing ideas for application of research and teaching outcomes.

The post holder will develop new concepts and ideas and will be expected, where appropriate, to develop and win support for innovative research and/or teaching development proposals and funding bids.

The post holder will make a significant contribution to their academic unit via leadership and/or administrative management and/or co-ordination of specific initiatives.

## Person specification

The following specification is a minimum expectation of an academic at UNNC. The detailed personal specification will be provided once applicants are offered a specific level of appointment.

	Essential	Desirable
<b>Qualifications, certification and training (relevant to role)</b>	PhD or equivalent in relevant subject area.	<ul style="list-style-type: none"> <li>▪ Higher Education teaching qualification or equivalent.</li> <li>▪ Membership of a professional body where appropriate.</li> </ul>
<b>Skills</b>	<ul style="list-style-type: none"> <li>▪ Excellent oral and written communication skills, including</li> </ul>	<ul style="list-style-type: none"> <li>▪ Core computer science skills and knowledge in following areas:</li> </ul>

	<p>the ability to communicate with clarity on complex and conceptual ideas to those with limited knowledge and understanding as well as to peers, using high level skills and a range of media.</p> <ul style="list-style-type: none"> <li>▪ Ability to devise, advise on and manage learning and research programmes.</li> <li>▪ Ability to manage resources and an understanding of management processes.</li> <li>▪ High level analytical capability to facilitate conceptual thinking, innovation and creativity.</li> <li>▪ Skills in counselling, pastoral care and motivating students.</li> <li>▪ Emerging skills in managing and motivating staff.</li> <li>▪ Ability to build relationships and collaborate with others, internally and externally.</li> </ul>	<p>programming languages, data structures and algorithms, database systems, operating systems, and computer systems architecture</p> <ul style="list-style-type: none"> <li>▪ Skills and knowledge in subject areas including computer communications and networks, software engineering, computer security, mobile and ubiquitous computing, human computer interaction, artificial intelligence, information modelling and visualization, machine learning and computer vision, data sciences, data mining and big data, optimization and operations research.</li> <li>▪ The ability to attract funding for major research projects</li> </ul>
<b>Knowledge and experience</b>	<ul style="list-style-type: none"> <li>▪ Sufficient breadth or depth of specialist knowledge in the discipline to develop research programmes and methodologies.</li> <li>▪ Experience of developing research methodologies and devising models, approaches, techniques, critiques and methods.</li> <li>▪ Research experience within subject specialism.</li> <li>▪ Experience and achievement in chosen field, reflected in growing and consistent national reputation.</li> <li>▪ Evidence of publication record.</li> <li>▪ At least 2 years relevant teaching and research experience in higher education sector;</li> <li>▪ Experience and demonstrated success in delivering teaching within an agreed quality framework.</li> </ul>	<ul style="list-style-type: none"> <li>▪ International reputation in specialist field which continues to grow.</li> <li>▪ Experience, achievement and growing reputation in the discipline, reflected in relevant national committee memberships, and/or involvement in national research events.</li> <li>▪ A consistent track record of published research in peer reviewed journals.</li> <li>▪ Experience of devising, advising on and managing learning and research programmes.</li> <li>▪ Experience of counselling, pastoral care and motivating students.</li> </ul>
<b>Personal Attributes</b>	<ul style="list-style-type: none"> <li>▪ Ability to work collaboratively in a multidisciplinary environment.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Evidence of leadership quality in leading a team to achieve a task/project.</li> </ul>

	<ul style="list-style-type: none"><li>▪ Ability to work effectively in a multi-cultural environment.</li><li>▪ Ability and motivation to lead an independent successful research programme.</li><li>▪ Ability to work to deadlines and to prioritise tasks.</li></ul>	<ul style="list-style-type: none"><li>▪ Ability to attract students (undergraduate and postgraduate) to come and study at the University of Nottingham Ningbo China</li></ul>
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