



Job Title	Professor in Computer Science
School/Department	School of Computer Science
Job Level	UNNC Scale B Level 7
Job Family	Research and Teaching
Contract Status/ Appointment Duration	This post is available from Oct 2026 or as soon as Possible, and will be offered on a fixed-term contract with the University of Nottingham Ningbo China for a period of five years.
Location	University of Nottingham Ningbo China
Hours of Work	Irregular working hours
Responsible to	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 Computer Science areas of relevance to the School of Computer Science (including artificial intelligence, cybersecurity, and software engineering). The role-holder will make a contribution to the direction of research programmes in the School.

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

The role-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 role-holder will make a significant contribution to the School through leadership and/or administrative management and/or co-ordination of specific initiatives.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	<p>Research</p> <ul style="list-style-type: none"> • To develop and lead original research in the candidate’s specialist field. • To publish research in peer reviewed publications. • To seek internal and external research funding. • To produce research suitable for dissemination to conferences, workshops and seminars (both national and international). • To forge collaborative research links within and outside the University. • To undertake student research supervision. • To contribute fully to the University’s research activities. 	40

2	<p>Teaching</p> <ul style="list-style-type: none"> • To prepare and deliver lectures, seminars and tutorials at undergraduate and postgraduate levels. • To participate in the assessments for initial and higher degrees and diplomas of the University and to act as invigilator in such examinations as required. • To contribute to course and curriculum development and design, including course management, where appropriate. • To support and comply with the University's teaching quality assurance standards and procedures. 	40
3	<p>Administration</p> <ul style="list-style-type: none"> • To undertake major administrative roles related to teaching and research, as determined by the Head of School. • To act as a personal tutor for both undergraduates and postgraduates. • To take part in and contribute to staff development activities consistent with continuous professional development. 	20



Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> ▪ Excellent oral and written communication skills in English ▪ Ability to devise, advise on and manage learning and research programmes. ▪ Ability to manage resources and an understanding of management processes ▪ High level analytical capability to facilitate conceptual thinking, innovation and creativity ▪ Proven skills in coaching and developing others in best practice techniques. ▪ Proven ability to lead, motivate, develop and manage the performance of a team. ▪ Proven ability to plan and lead the delivery of research and teaching programmes, and to develop sources of funding. ▪ Skills in counselling, pastoral care and motivating students. ▪ Emerging skills in managing and motivating staff. ▪ Ability to build relationships and collaborate with others, internally and externally. 	<ul style="list-style-type: none"> ▪ Core computer science skills and knowledge in following areas: Artificial intelligence, programming languages, data structures and algorithms, database systems, operating systems, and computer systems architecture ▪ 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. ▪ The ability to attract funding for major research projects
Knowledge and experience	<ul style="list-style-type: none"> ▪ Sufficient breadth or depth of specialist knowledge in the discipline to develop research programmes and methodologies. ▪ Experience of developing research methodologies and devising models, approaches, techniques, critiques and methods. ▪ Research experience within subject specialism. ▪ Experience and achievement in chosen field, reflected in growing and consistent national reputation. ▪ Evidence of publication record. ▪ At least 2 years relevant teaching research experience in higher education sector; ▪ Experience and demonstrated success in delivering teaching within an agreed quality framework. 	<ul style="list-style-type: none"> ▪ International reputation in specialist field which continues to grow. ▪ Experience, achievement and growing reputation in the discipline, reflected in relevant national committee memberships, and/or involvement in national research events. ▪ A consistent track record of published research in peer reviewed journals. ▪ Experience of devising, advising on and managing learning and research programmes. ▪ Experience of counselling, pastoral care and motivating students.



Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none">▪ PhD, or equivalent supported by extensive and high level research and teaching experience in relevant area.	<ul style="list-style-type: none">▪ Membership of a professional body where appropriate
Statutory, legal or special requirements		

Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

Valuing people

Role models the highest ethical standards to cultivate a collaborative workplace that develops talent and enhances wellbeing, whilst also balancing the needs of the various stakeholders.

Taking ownership

Translates the vision into a strategy for own area, enabling people to take the right action for the wider organisation. Can resolve complex problems, balancing the needs of varied stakeholders.

Forward thinking

Always has the overall strategic goal in mind, manages to stimulate agile and forward thinking in others, motivating them and giving them the confidence to drive for continuous improvement.

Professional pride

Goal is to be best in class; ensuring this can be achieved in line with long term strategy regardless of short-term challenges. Supports people to do what is best for both the organisation and the department.

Always inclusive

Promotes how collaboration and positive partnerships are essential to success, constantly looking ahead to explore how to involve other potential stakeholders.



Key relationships with others

