Job Title	Associate Professor in Computer Science
School/Department	School of Computer Science
Job Level	UNNC Scale B Level 6
Job Family	Research and Teaching
Contract Status	This post is available from April 2027 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 role holder will be expected to make a significant leadership impact within their academic unit and in the research and teaching area of computer science, artificial intelligence and software engineering.

The role holder will participate in the School of Computer Science's organisation, management and strategic planning and will also contribute to the University's strategic planning processes. They will act as principal investigator on major research projects in the field of Computer Science and AI and will identify opportunities for the development of new research projects.

The role holder will take responsibility for the quality of the design of both undergraduate and postgraduate courses/programmes to maintain the high teaching standards and contribute generally to the development of teaching, teaching methods and assessments in the in the School of Computer Science.

The role holder may have line management responsibilities including the responsibility for the mentoring and professional development of the junior staff and contribute to the overall administration of the School.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	**% time per year**
Research		40%
1	To provide academic and organisational leadership to those working within the School's research area(s), by for example co-ordinating resources, the work of others to ensure the effective delivery of research projects and agree objectives and work plans with the team.	

2	To act as a line manager (including performance review) and personal mentor to peers and colleagues, where appropriate, and provide expert advice and coaching to colleagues and students internally and externally.	
3	To act as the principal investigator on major research projects within the area of computing, AI and software engineering. Investigate and devise new research methods, generate new research approaches and contribute generally to the development of thought and practice in the field CS and AI.	
4	To interpret findings, review and synthesise the outcomes of research projects and apply to research and teaching practice, where appropriate.	
5	To develop and sustain an ongoing national reputation as a research leader in computer vision and machine learning through original research work. Disseminate and explain research findings through leading peer-reviewed national and international publications, and present or exhibit at national/ international conferences and other similar events.	
6	To develop proposals for research projects which will make a significant impact by leading to an increase in knowledge and understanding and the discovery or development of new explanations, insights, concepts or processes.	
7	To apply research results in public policy or commerce where there is a demonstrable benefit to the University and the School.	
Teaching and Learning		40%
8	To contribute to the curriculum leadership and the teaching and learning programmes in the School of Computer Science e.g. through delivery of School of Computer Science research lectures to staff and/or delivery of course modules.	
9	To resolve problems affecting the quality of course delivery and student progress within the area of CS and CSAI, referring more serious matters to others, as appropriate.	
10	To disseminate conceptual and complex ideas to a wide variety of audiences using appropriate media and methods to promote understanding.	
Administrative duties and others		20%
11	To contribute to the development of research strategies and the teaching and learning policy in the School of Computer Science.	
12	To lead and develop internal (e.g. by chairing/participating in University Committees) and external relationships (e.g. external examiners/assessors and/or active researchers) to foster future collaboration.	

13	Be responsible for administrative duties in areas such as admissions, timetabling, examinations, student attendance, and represent the school on various committees and working groups in the wider University and outside of the University and managing or monitoring assets and budgets allocated as part of the role.	
14	To participate in training and staff development events as trainer or trainee as appropriate. To maintain appropriate professional development, expertise and awareness. To undertake other tasks and responsibilities as may reasonably be required.	

Person specification

	Essential	Desirable
Skills	▪ Excellent oral and written communication skills in English, including the ability to communicate with clarity on complex information. ▪ Proven ability to provide effective leadership and management of groups and teaching activities. ▪ Proven ability with demonstrated success in obtaining sources of funding, providing effective leadership, planning, and building, resourcing a team and delivering research results. ▪ High analytical ability to facilitate conceptual thinking, innovation and creativity.	
Knowledge and experience	▪ Extensive track record of published research, development and delivery of teaching units, successful consultancy activities and/or delivery of specialist services to external customers/client. ▪ Extensive research and teaching experience with an established national and growing international reputation in the field of computer science in higher education. ▪ Extensive experience in developing and devising new research programmes, models, techniques and methods. ▪ Proven record of promoting and maintaining collaborative links with industry/business/community.	▪ An understanding of University management systems and the wider higher education environment. ▪ Previous experience of the supervision and pastoral care of students at all levels.
Qualifications, certification and training (relevant to role)	▪ PhD in relevant subject area.	▪ Membership of a professional body, where appropriate. ▪ Higher education teaching qualification or equivalent.
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	Understands that it is essential to provide a structure that people can thrive in. Knows how to communicate with people to create a healthy working environment and get the best out of people.
Taking ownership	Communicates vision clearly, providing direction and focus. Knows how to create a productive environment where people are inspired and can work cross-departmentally in partnership.
Forward thinking	Has the ambition to be a pioneer in own area, anticipating the future change, needs and challenges. Knows how to innovate within their work context and champions others to be inspired to be part of this ambition
Professional pride	Keeps up to date on latest thinking, trends and work practices. Supports team to be thought leaders; willing to challenge if obstacles get in the way.
Always inclusive	Establishes far reaching partnerships, well beyond own area across a broad range of networks. Understand role to pay due regard to the needs of the whole community.

Key relationships with others

