



Job title	Transitional Assistant Professor	Job family and level	Research and Teaching Level 5 Extended
School/ Department	Computer Science	Location	Nottingham, UK Jubilee Campus

Purpose of role

This role will be held in the School of Computer Science. The role holder, having recently completed or soon be completing their PhD, will have the potential to grow a national reputation in their field. They will also have the potential to make a significant impact on research in and teaching of their specialism/discipline through effective and innovative academic and organisational leadership.

The role holder will develop proposals for research and knowledge exchange projects, both individually and collaboratively, which will make a meaningful impact and lead to an increase in knowledge and understanding and the discovery/development of new explanations, insights, concepts or processes.

The role is part of the University's support for Professor Benford's new £6.5M UKRI-funded programme on "Somabotics: Creatively Embodying Artificial Intelligence". The role holder will work closely with Professor Benford on delivering the programme's Research and Community Programmes, and through this will gain the knowledge and skills to develop their career in the long term.

Initially, this post will enable the role holder to focus on research with a reduced and managed teaching workload over the first one to four years. With an individual package of support provided by the School and colleagues, the role holder will gradually transition to a standard Assistant Professor role.

The role holder will have the opportunity to make a contribution to the School via 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 undertake original research, individually and collaboratively, taking the lead on the planning, development and conduct of projects to enhance and complement the existing research of the Programme and through this the wider School. 	60%

	<ul style="list-style-type: none"> ▪ To contribute to the practice of developing a portfolio of AI artworks, including working closely with external partners. ▪ To undertake visits to and placements with the Programme's international and industry partners. ▪ To take a leadership role in delivering the Programme's Community Programme of events to build an international network of partners, including organising and hosting conferences, workshops, panels, doctoral colloque and ultimately a new conference. ▪ To disseminate research findings through leading peer-reviewed national publications, conferences, workshops and other appropriate media. ▪ To seek and secure research funding through the development of innovative research proposals and funding bids, both within the Programme (in its second) phase and externally. ▪ Undertake consultancy and knowledge exchange projects, where appropriate and where there is a demonstrable benefit to the School and the University. ▪ To build relationships and collaborate actively with internal and external contacts, nationally and internationally, to undertake research and knowledge exchange projects in the advancement of the discipline and its application to real-world problems. ▪ To work closely with Professor Benford to determine the strategic direction of the Programme and to take an active role in managing one or more of its work packages. ▪ To help supervise the Programme's Research Associates/Fellows and technical staff. ▪ To supervise and examine postgraduate research students. 	
2	<p>Education and Student Experience</p> <ul style="list-style-type: none"> ▪ To deliver teaching through a variety of methods across a range of modules, to support the School's teaching requirements and within the role holders' area of expertise. ▪ Be responsible for the development of the content and structure of existing modules and the design of new modules to ensure the curriculum remains current and deliverable. ▪ To develop high quality teaching materials, methods and assessments, ensuring compliance with the University's teaching and learning standards and processes ▪ To undertake supervision and assessment of students at all levels of study, including both Undergraduate and Masters level projects. ▪ To develop PhD level training materials and courses. ▪ To provide support to students through tutorial groups to develop their knowledge, understanding and academic skills. ▪ Be responsible for the pastoral support of a designated group of students 	25%
3	<p>Leadership and Management</p> <ul style="list-style-type: none"> ▪ To contribute to and be responsible for administrative duties in support of the activities of the Programme and School ▪ Represent the School on committees and working groups in the wider University and externally ▪ Manage and monitor assets and budgets allocated as part of the role 	15%

	<ul style="list-style-type: none"> ▪ To undertake further training required for the role and/or specific duties, consistent with continuous professional development ▪ Other administrative duties agreed with the Head of School 	
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Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> ▪ Excellent oral and written communication skills, including the ability to communicate with clarity on complex and conceptual ideas to a variety of audiences. ▪ Ability to develop excellent teaching materials. ▪ Potential to attract research funding ▪ Potential to supervise postgraduate research students ▪ High level analytical capability to facilitate conceptual thinking, innovation and creativity. ▪ Ability to build relationships and collaborate with others, internally and externally. ▪ Excellent organisational and time-management skills. 	<ul style="list-style-type: none"> ▪ Ability to manage resources and an understanding of management processes ▪ Skills in counselling, pastoral care and motivating students. ▪ Emerging skills in managing and motivating staff.
Knowledge and experience	<ul style="list-style-type: none"> ▪ Demonstrable breadth or depth of specialist knowledge in disciplines related to Somabotics to develop subject-specific research ▪ Experience and/or an understanding of how to develop practice-led 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. ▪ Experience and/or an understanding of how to deliver teaching within an agreed quality framework 	<ul style="list-style-type: none"> ▪ National reputation in specialist field which continues to grow, demonstrated by relevant national committee memberships and/or involvement in national research events. ▪ A consistent track record of published research in peer reviewed journals and demonstrable experience in delivering research results ▪ Experience of devising, advising on and managing learning and research programmes.
Qualifications, certification and training	<ul style="list-style-type: none"> ▪ PhD or equivalent in relevant subject area completed or near completion. 	<ul style="list-style-type: none"> ▪ Higher Education teaching qualification or equivalent. ▪ Membership of a professional body where appropriate.

(relevant to role)		
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The University of Nottingham is focused on embedding equality, diversity and inclusion in all that we do. As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those with protected characteristics under the Equality Act 2010.



The University is a signatory of the Declaration on Research Assessment (DORA). As such we commit to focus on the scientific content of publications (where requested or provided as part of the recruitment and selection process) as a basis for review of quality, and consideration of value and impact of research conducted, rather than any proxy measures such as Journal Impact Factor.

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

Is always equitable and fair and works with integrity. Proactively looks for ways to develop the team and is comfortable providing clarity by explaining the rationale behind decisions.

Taking ownership

Is highly self-aware, looking for ways to improve, both taking on board and offering constructive feedback. Inspires others to take accountability for their own areas.

Forward thinking

Driven to question the status quo and explore new ideas, supporting the team to "lead the way" in terms of know-how and learning.

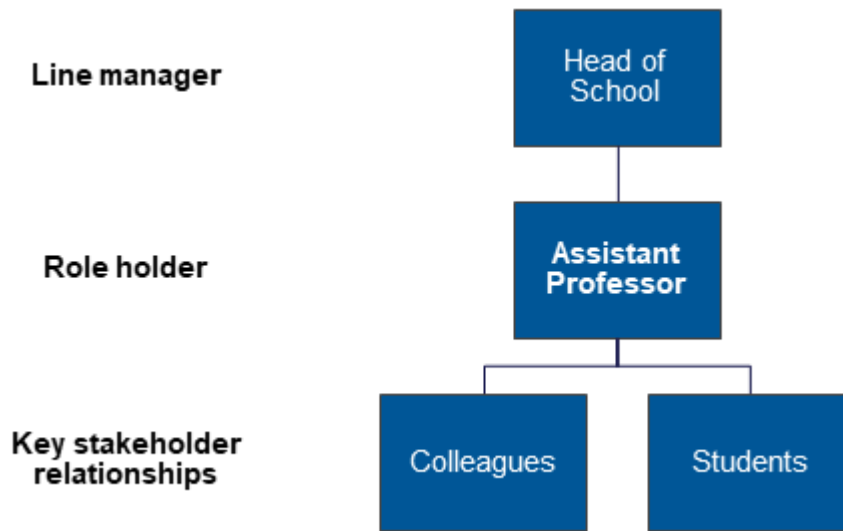
Professional pride

Sets the bar high with quality systems and control measures in place. Demands high standards of others identifying and addressing any gaps to enhance the overall performance.

Always inclusive

Ensures accessibility to the wider community, actively encouraging inclusion and seeking to involve others. Ensures others always consider the wider context when sharing information making full use of networks and connections.

Key relationships with others



Job title	Assistant Professor in Computer Science	Job family and level	Research and Teaching Level 5 Extended
School/ Department	Computer Science	Location	Jubilee Campus

Purpose of role

This role will be held in the School of Computer Science. The role holder will have a growing national reputation in their field and will have the potential to make a significant impact on research in and teaching of their specialism/discipline through effective and innovative academic and organisational leadership.

The role holder will develop proposals for research and knowledge exchange projects, both individually and collaboratively, which will make a meaningful impact and lead to an increase in knowledge and understanding and the discovery/development of new explanations, insights, concepts or processes.

The role is part of the University's support for Professor Benford's new £6.5M UKRI-funded programme on "Somabotics: Creatively Embodying Artificial Intelligence". The role holder will work closely with Professor Benford on delivering the programme's Research and Community Programmes, and through this will gain the knowledge and skills to develop their career in the long term.

The role holder will make a significant contribution to the School via 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 undertake original research, individually and collaboratively, taking the lead on the planning, development and conduct of projects to enhance and complement the existing research of the School of the programme and through this the wider School. ▪ To contribute to the practice of developing a portfolio of AI artworks, including working closely with external partners. ▪ To undertake visits to and placements with the programme's international and industry partners. ▪ To take a leadership role in delivering the Community Programme of events to build an international network of partners, including organising and hosting conferences, workshops, panels, doctoral colloque and ultimately a new conference. ▪ To disseminate research findings through leading peer-reviewed national publications, conferences, workshops and other appropriate media 	40%

	<ul style="list-style-type: none"> ▪ To seek and secure research funding through the development of innovative research proposals and funding bids. ▪ Undertake consultancy and knowledge exchange projects, where appropriate and where there is a demonstrable benefit to the School and the University. ▪ To build relationships and collaborate actively with internal and external contacts, nationally and internationally, to undertake research and knowledge exchange projects in the advancement of the discipline and its application to real-world problems. ▪ To work closely with Professor Benford to determine the strategic direction of the programme and to take an active role in managing one or more of its workpackages. ▪ To help supervise the programme's researchers and technical staff. ▪ To supervise and examine postgraduate research students 	
2	<p>Education and Student Experience</p> <ul style="list-style-type: none"> ▪ To deliver teaching through a variety of methods across a range of modules, to support the School's teaching requirements and within the role holders' area of expertise. ▪ Be responsible for the development of the content and structure of existing modules and the design of new modules to ensure the curriculum remains current and deliverable. To develop PhD level training materials and courses. ▪ To develop PhD level training materials and courses. ▪ To develop high quality teaching materials, methods and assessments, ensuring compliance with the University's teaching and learning standards and processes ▪ To undertake supervision and assessment of students at all levels of study ▪ To provide support to students through tutorial groups to develop their knowledge, understanding and academic skills. ▪ Be responsible for the pastoral support of a designated group of students 	40%
3	<p>Leadership and Management</p> <ul style="list-style-type: none"> ▪ To contribute to and be responsible for leadership and managerial duties in support of the activities of the programme and School ▪ Represent the School on committees and working groups in the wider University and externally ▪ Manage and monitor assets and budgets allocated as part of the role ▪ To undertake further training required for the role and/or specific duties, consistent with continuous professional development ▪ Other leadership and managerial duties agreed with the Head of School. This may involve line management to staff to include: supervision of work, providing coaching and support in their research and teaching and acting as a mentor in their personal and professional development. 	20%

Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> ▪ Excellent oral and written communication skills, including the ability to communicate with clarity on complex and conceptual ideas to a variety of audiences. ▪ Ability to develop excellent teaching materials. ▪ Potential to attract research funding ▪ Potential to supervise postgraduate research students ▪ High level analytical capability to facilitate conceptual thinking, innovation and creativity. ▪ Ability to build relationships and collaborate with others, internally and externally. ▪ Excellent organisational and time-management skills. 	<ul style="list-style-type: none"> ▪ Ability to manage resources and an understanding of management processes ▪ Skills in counselling, pastoral care and motivating students. ▪ Emerging skills in managing and motivating staff.
Knowledge and experience	<ul style="list-style-type: none"> ▪ Demonstrable breadth or depth of specialist knowledge in disciplines related to Somabotics to develop subject-specific research ▪ Experience and/or an understanding of how to develop practice-led research methodologies and devising models, approaches, techniques, critiques and methods. ▪ Research experience within an appropriate subject specialism. ▪ Experience and achievement in chosen field, reflected in growing and consistent national reputation. ▪ Evidence of publication record. ▪ Experience and demonstrated success in delivering teaching within an agreed quality framework 	<ul style="list-style-type: none"> ▪ National reputation in specialist field which continues to grow, demonstrated by relevant national committee memberships and/or involvement in national research events. ▪ A consistent track record of published research in peer reviewed journals and demonstrable experience in delivering research results ▪ Experience of devising, advising on and managing learning and research programmes.
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> ▪ PhD or equivalent in relevant subject area. 	<ul style="list-style-type: none"> ▪ Higher Education teaching qualification or equivalent. ▪ Membership of a professional body where appropriate.



The University of Nottingham is focused on embedding equality, diversity and inclusion in all that we do. As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those with protected characteristics under the Equality Act 2010.



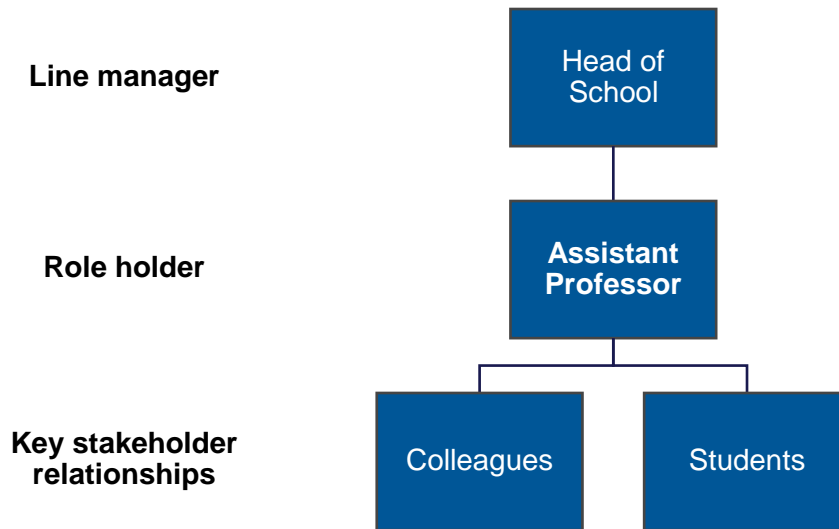
The University is a signatory of the Declaration on Research Assessment (DORA). As such we commit to focus on the scientific content of publications (where requested or provided as part of the recruitment and selection process) as a basis for review of quality, and consideration of value and impact of research conducted, rather than any proxy measures such as Journal Impact Factor.

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:

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| Valuing people | Is always equitable and fair and works with integrity. Proactively looks for ways to develop the team and is comfortable providing clarity by explaining the rationale behind decisions. |
| Taking ownership | Is highly self-aware, looking for ways to improve, both taking on board and offering constructive feedback. Inspires others to take accountability for their own areas. |
| Forward thinking | Driven to question the status quo and explore new ideas, supporting the team to "lead the way" in terms of know-how and learning. |
| Professional pride | Sets the bar high with quality systems and control measures in place. Demands high standards of others identifying and addressing any gaps to enhance the overall performance. |
| Always inclusive | Ensures accessibility to the wider community, actively encouraging inclusion and seeking to involve others. Ensures others always consider the wider context when sharing information making full use of networks and connections. |

Key relationships with others



Job title	Associate Professor	Job family and level	Research & Teaching Level 6
School/ Department	Computer Science	Location	Nottingham, UK Jubilee Campus

Purpose of role

This role will be held in the School of Computer Science. The role holder will have a substantial and growing national and international reputation in their field and will make a significant impact on the research and teaching of their specialism/discipline through effective and innovative academic and organisational leadership.

The role is part of the University's support for Professor Benford's new £6.5M UKRI-funded programme on "Somabotics: Creatively Embodying Artificial Intelligence". The role holder will work closely with Professor Benford on delivering the programme's Research and Community Programmes, and through this will gain the knowledge and skills to develop their career in the long term.

The role holder will develop proposals for research and knowledge exchange projects, both individually and collaboratively, which will make a meaningful impact and lead to an increase in knowledge and understanding and the discovery/development of new explanations, insights, concepts or processes. They will act as principal investigator on major research projects and will identify opportunities for the development of new research directions.

The role holder will be responsible for maintaining and developing the quality of the design, standards and delivery of relevant modules and programmes and contribute generally to the development of teaching, teaching methods and assessments in the School.

The role holder will be expected to make a significant leadership impact within the School and in the research and teaching in ****add research group**** and/or within the general field of Computer Science. This will include participation in School, Faculty and University organisation, management and strategic planning.

	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 undertake original research, individually and collaboratively, taking the lead on the planning, development and conduct of projects to enhance and complement the existing research of the Programme and through this the wider School. ▪ To contribute to the practice of developing a portfolio of AI artworks, including working closely with external partners. ▪ To undertake visits to and placements with the Programme's international and industry partners. 	40%

	<ul style="list-style-type: none"> ▪ To investigate and devise new research methods, generate new research approaches and contribute generally to the development of research in the School ▪ To interpret and review the outcomes of research projects and apply them to teaching delivery/practices where appropriate ▪ To lead major funding bids that emerge from the Programme to develop and sustain research and develop research initiatives to foster collaboration and generate income. ▪ To seek and secure research funding through the development of innovative research proposals and funding bids. ▪ Undertake consultancy and knowledge exchange projects, where appropriate and where there is a demonstrable benefit to the School and the University. ▪ To build relationships and collaborate actively with internal and external contacts, nationally and internationally, to undertake research and knowledge exchange projects in the advancement of the discipline and its application to real-world problems. ▪ To work closely with Professor Benford to determine the strategic direction of the Programme and to take an active role in managing one or more of its workpackages. ▪ To help supervise the Programme's Research Associates/Fellows and technical staff. ▪ To supervise and examine postgraduate research students 	
2	<p>Education and Student Experience</p> <ul style="list-style-type: none"> ▪ To contribute to the curriculum leadership and teaching and learning delivery in (specify area or leave generic) ▪ To resolve issues affecting the quality of teaching delivery and student progress, referring more serious or complex issues to colleagues as appropriate ▪ To deliver teaching through a variety of methods across a range of modules, to support the School's teaching requirements and within the role holders' area of expertise. ▪ Be responsible for the development of the content and structure of existing modules and the design of new modules to ensure the curriculum remains current and deliverable. ▪ To develop high quality teaching materials, methods and assessments, ensuring compliance with the University's teaching and learning standards and processes ▪ To undertake supervision and assessment of students at all levels of study ▪ To provide support to students through tutorial groups to develop their knowledge, understanding and academic skills. ▪ Be responsible for the pastoral support of a designated group of students 	40%
3	<p>Leadership and Management</p> <ul style="list-style-type: none"> ▪ To provide academic and organisational leadership ▪ To contribute to and be responsible for administrative duties in support of the activities of the School ▪ To contribute to the development of research strategies and the teaching and learning policy in the School 	20%

	<ul style="list-style-type: none">▪ Represent the School on committees and working groups in the wider University and externally▪ Manage and monitor assets and budgets allocated as part of the role▪ To undertake further training required for the role and/or specific duties, consistent with continuous professional development▪ To provide line management to staff to include: supervision of work, providing coaching and support in their research and teaching and acting as a mentor in their personal and professional development.▪ Other administrative duties agreed with the Head of School	
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Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> ▪ Excellent oral and written communication skills, including the ability to communicate with clarity on complex and conceptual ideas to a variety of audiences ▪ Proven ability to provide effective leadership, management and motivation of staff. ▪ Proven ability to develop excellent teaching materials. ▪ Proven ability to attract research funding, demonstrating effective leadership, planning and team/resource management ▪ Proven ability to supervise postgraduate research students ▪ High level analytical ability to facilitate conceptual thinking, innovation and creativity ▪ Skills in counselling, pastoral care and motivating students. ▪ Ability to build relationships and collaborate with others, internally and externally. ▪ Excellent organisational and time-management skills. 	<ul style="list-style-type: none"> ▪ Proven ability to manage resources and an understanding of management processes.
Knowledge and experience	<ul style="list-style-type: none"> ▪ Extensive track record of published research, development and delivery of teaching , successful consultancy activities and/or delivery of specialist services to external customers/clients ▪ Extensive experience of developing research methodologies and devising models, approaches, techniques, critiques and methods. ▪ Extensive research experience with an established national and growing international reputation within subject specialism ▪ Proven sustained track-record in publishing high quality research work, including of international quality ▪ Extensive experience and demonstrated success in delivering teaching within an agreed quality framework 	<ul style="list-style-type: none"> ▪ An understanding of University management systems and the wider higher education environment ▪ Previous experience in the development of policy and administrative matters within a University. ▪ Proven record of promoting and maintaining collaborative links with industry/ business/ community

Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> ▪ PhD or equivalent in relevant subject area ▪ Or equivalent extensive professional/research experience 	<ul style="list-style-type: none"> ▪ Higher education teaching qualification or equivalent ▪ Membership of a professional body, where appropriate
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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

