Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Job Description

Comp ID:	037735
Job Title:	Assistant Professor in Computer Science (Information Systems)
School/Department:	School of Computer Science and Statistics
Job Category and Level:	Academic; Assistant Professor (Tenure Track)

The Purpose of the Role

Trinity College Dublin, located in the heart of Dublin, is Ireland's number 1 university and ranked 87th internationally (QS Rankings 2024). The School of Computer Science and Statistics is a collegiate, friendly, and research-intensive centre for academic study and research excellence. The School has been ranked 1st in Ireland, top 25 in Europe, and top 100 Worldwide in recent years (QS Subject Rankings). The School is embedded in Trinity College Dublin's E3 programme, which is a collaboration across information technology, engineering and the natural sciences to address major challenges of our time and create a more sustainable future, through both teaching and research. The School welcomes candidates who can contribute to the goals of this programme (www.tcd.ie/e3/).

The School of Computer Science and Statistics is seeking to appoint an Assistant Professor in Computer Science (Information Systems), who will join the Discipline of Statistics and Information Systems. The Assistant Professor will be a full faculty member, and as such will be expected to innovate in both research and teaching, to assist in the administration and mission of the School, and to contribute to the wider research community. The appointee should have the potential to develop into a leader in their field of research, with ambition for a world-class research programme. The successful candidate will be expected to contribute to undergraduate and/or postgraduate teaching in the School, particularly in the area of Information Systems. The Assistant Professor will be expected to be deeply involved in the running and delivery of our flagship 'Management Science and Information Systems Studies (MSISS) undergraduate degree course.

Context

The successful candidate will be an excellent researcher and lecturer with a strong international research track record and clear potential for research leadership. They should have a strong commitment to research-led undergraduate and postgraduate teaching and a demonstrated capacity or potential to attract research funding and develop a world-class research programme.

The School's BA in Management Science and Information Systems Studies (MSISS) has a long-standing and successful history; this year we will celebrate 40 years of MSISS. This flagship degree course attracts top class students and has one of the best graduate employment records of undergraduate courses in Ireland. The Assistant Professor in Computer Science (Information Systems) will play a pivotal role in reviewing and developing the programme, thus ensuring its continued success and relevance.

Applications are encouraged from candidates in the field of Information Systems (including but not limited to: Enterprise Systems, Data Analytics, Database Systems, Human Computer Interaction (HCI), Systems Analysis, Systems Requirements, Technology and Society, Digital Policy and User Centred/Experience Design (UXD)) with a strong commitment to the role of teaching and developing the curriculum of Information Systems at undergraduate and postgraduate level. The successful applicant will have a primary degree and a Ph.D. in Computer Science/Information Systems or a closely related subject. The Discipline particularly welcomes applicants who can collaborate across Information Systems and Statistics, and can exploit the Discipline's position within the School of Computer Science and Statistics.

Main Responsibilities
Teaching

- As part of normal teaching duties, the appointee is obliged to give instruction and supervision, as directed by the Head of School (or designated Head of Discipline), to undergraduate and postgraduate students at the University in courses and programmes organised and supported by the School.

- It is expected that the appointee will be responsible for delivering teaching in Information Systems modules (required) and across the broad portfolio of modules offered within the School (desirable but not required).

- Such duties include curriculum and course design, preparation and delivery of lectures, tutorials and general examination and other assessment duties. The ability to contribute to the review and improvement of the School's ongoing programmes is also desirable.

- The appointee is also required to be available to students for academic guidance and advice.

- In some disciplines, academic activities may also include laboratory, workshop or clinical instruction, supervision of fieldwork, site visits and other off-campus activities.

Research

- The appointee should have a desire to become a thought leader and a researcher of repute within their chosen research area.

- As part of their research duties, the appointee is required to engage in research and/or other creative and innovative activity as appropriate to the Discipline.

- The appointee is required to disseminate their research in high impact academic publications: journals, conferences, or other outlets as appropriate.

- The appointee is encouraged to actively pursue initiatives by which to seek/secure funding for research in their own field and/or interdisciplinary or multidisciplinary research as appropriate.

- The appointee is also required to participate in postgraduate research supervision including student recruitment, thesis definition, preparation, advice and regular advisory and guidance meetings.

Contribution and Scholarly Activity

- As part of the contribution to the School and University, the appointee is required to participate in academic administration at School level (as directed by the Head of School), and/or University level.

- In representing the University externally, the appointee is required to maintain the highest professional standards.

- The appointee is also required to commit to engage in scholarly activity such as, but not limited to, refereeing for journals, external examining, membership of learned societies, advisory bodies and peer review panels.

Person Requirements

The role-holder will require the following knowledge, skills and attributes for successful performance in the role.

Qualifications

- The successful candidate must have a PhD in Computer Science/Information Systems or a cognate discipline.

Knowledge & Experience

The successful candidate will be expected to clearly demonstrate the following:

Teaching

Essential:

- Ability to provide lectures and practical classes in Information Systems and related fields to undergraduate and postgraduate students.

- Evidence of a personal commitment to excellence in teaching.

- Excellent communication and interpersonal skills.

Desirable:
- Experience of using innovative teaching methods.
- Experience of developing new modules and/or teaching material and associated assessment regimes.
- Experience of supervising undergraduate and postgraduate dissertations
- Evidence of high-quality teaching.
- Experience of working collaboratively and effectively in an inter and multidisciplinary environment, particularly in the context of the College's E3 programme.

Research & Scholarship

Essential:
- Proven record in research publication and an ability to contribute to the field of Information Systems.
- Demonstrate research plans that complement the strategic plans of the School of Computer Science and Statistics.
- Evidence of, or potential to establish, a sustained record of high-quality research and publication in Information Systems.
- The potential to attract graduate students.
- Participation in research conferences and seminars.
- Ability to engage in research collaboration with industry and across disciplines.

Desirable:
- Demonstrated ability to secure competitive research funding.
- Demonstrated ability to lead and oversee research projects.
- Evidence of research collaboration with industry, society and universities, particularly in the context of the College's E3 programme.

Engagement with Discipline & Society

Desirable:
- Experience of reviewing papers for scholarly journals and conferences.
- Experience of organizing scholarly events.
- Experience of working and engaging with Industry.
- Experience of engagement with the public on matters of research or education.
- Experience of contributing to the wider work of a university or research institution.

Expected Skills and Competencies

- Highly motivated and driven by a desire to succeed.
- Excellent communication skills.
- Good organizational skills.
- Strong leadership skills.
- Ability to work effectively as member of a team.
- Honesty and integrity.
- Ability to be flexible when necessary.
- Willingness to contribute to the Discipline, School, College and the wider community.
- Ability to take the initiative.
- A commitment to own professional development.

In addition, candidates will be assessed on their potential contribution to the School, College and the wider community.

Application Information

Applicants should provide the following information:

1. A comprehensive curriculum vitae, including a full list of publications.
2. The names and contact details (i.e. addresses, e-mail, etc.) of three referees.
3. A research plan summarising research to be carried out in the next two years and including potential sources of funding – **max 2 pages**.
4. A teaching statement summarising teaching experience and approach – **max 2 pages**.

PLEASE NOTE:

- Candidates who do not submit this additional information may not be considered for shortlisting.
- Candidates should note that the interview process for this appointment will include the delivery of a presentation to the School.

Further Information for Applicants

For further information about the School of Computer Science and Statistics, please see: https://www.scss.tcd.ie//

For further information about Trinity College Dublin, see:

https://www.tcd.ie/

https://www.youtube.com/watch?v=DbZALsDfLuU

https://www.youtube.com/watch?v=3YN6asK2ixw

Candidates wishing to discuss the post informally and in confidence should email:

- Professor Caroline Brophy, Head of the Discipline of Statistics and Information Systems, at caroline.brophy@tcd.ie and/or
- Professor Gregory O'Hare, Head of School of Computer Science and Statistics, at gregory.ohare@tcd.ie.