



Ollscoil Mhá Nuad Maynooth University

Department of Computer Science Assistant Professor / Lecturer in Computer Science x3 (Temporary 5 Years)

The Role

Maynooth University is committed to a strategy in which the primary University goals of excellent research and scholarship and outstanding education are interlinked and equally valued.

We are seeking three excellent academics to join our staff as an Assistant Professor / Lecturer in Computer Science. The appointed candidate will have a proven record of teaching, research and publication, appropriate to career stage. They will be expected to make a strong contribution to the teaching programme of the Department and undertake teaching duties on the Department's undergraduate and postgraduate programmes as well as the supervision of Master's and PhD students.

The appointees will be full faculty members, and as such will be expected to innovate in both research and teaching, to assist in the administration and mission of the Department, and to contribute to the wider research community. The appointed candidates will be excellent researchers and teachers with clear potential for research leadership and have a proven record of teaching, research and publication, appropriate to career stage. They will have a strong commitment to research-led undergraduate and postgraduate teaching and a demonstrated capacity/potential to attract research funding and develop a world-class research programme.

The appointee will be expected to build a strong research profile, that will enhance the research strengths in the Department, and which supports the University's research strategy including affiliating to the Research Institutes, where appropriate and working with colleagues on national and international research. The appointee will be expected to sustain and conduct research, engage in scholarship of quality and substance and generate publications of international standard.

Principal Duties

Teaching:

As part of normal teaching duties, each appointee will be expected to make a strong contribution to the teaching programmes of the Department, as directed by the Head of Department, taking responsibility for core modules on the Department's undergraduate and postgraduate Computer Science



programmes, as well as the supervision of Masters and PhD students. Such duties include curriculum and course design, preparation and delivery of lectures, tutorials and general examination and other assessment duties. The appointee is also required to be available to students for academic guidance and advice.

Undergraduate and postgraduate teaching duties are assigned by the Head of the Department. The duties will include:

- Teaching and assessing students at undergraduate level in computer science modules including, but not limited to Algorithms and Data Structures, Music Programming, Multimedia Communications, Software Engineering, Mobile App Development, Audio and Speech Processing, and Computer Theory. This may include lecturing, tutoring, leading practical learning activities, project supervision, and setting, supervising and grading assessments;
- Teaching, supervising and assessing postgraduate students, including lecturing, leading seminars and other learning activities, supervision of student research activities, and setting, supervising and grading assessments;
- Enhancing and innovating in teaching and assessment practice;
- Contributing as required, to the assurance and enhancement of teaching quality;
- Outreach and promotional activities and the recruitment and selection of undergraduate and post-graduate students;
- Developing and enhancing the curriculum;
- Designing and delivering new courses.

Research & Scholarship:

Each of the appointees should have a desire to become a leader and a researcher of repute within their chosen research area, will be expected to build a strong research profile, that supports the University's research strategy including affiliating to the appropriate Research Institutes, and working with colleagues on national and international research. As part of their research duties, the appointee is required to engage in research and is required to disseminate their research in high impact academic publications: journals, conferences, or other outlets as appropriate.

Each of the appointees is encouraged to actively pursue initiatives by which to seek/secure funding for research in their own field and/or interdisciplinary/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/guidance meetings. Building a research and scholarly profile is an essential part of an academic career. This will include:

- Conducting research and engaging in scholarship of quality and substance in the discipline;
- Generating external income or securing resources to support scholarly activity as necessary;
- Disseminating research and scholarly outcomes through peer reviewed publication; presentation at national and international conferences; preparation of professional reports; commercialisation; or other appropriate means;
- Affiliating with a University Research Institute, where appropriate;
- Building research capacity;
- Fostering links with other institutions which will benefit both research and teaching at Maynooth University;
- Integrating research into the teaching curriculum;
- Supervising research students and post-doctoral fellows.

Service:

The academic staff members of the University are critical to achieving the strategic objectives of the University, and as such are required to engage in work that serves the collective strategic needs of the University. This may include:



- Administrative and service duties;
- Leading or contributing to strategic projects and initiatives;
- Contributing to the internationalisation of the university;
- Outreach and engagement activities;
- Collaborative work with external partners;
- Activities to promote the University locally, nationally and internationally;
- Carrying out any other duties within the scope, spirit and purpose of a Maynooth University academic post.

Administrative and other duties:

This will include:

- Undertaking administrative tasks within the Department, Faculty and University as required and as assigned by the Head of Department, the Dean or the President;
- Attending and serving on Departmental, Faculty, Institute and University committees as appropriate;
- Attending courses and engaging in other activities associated with professional development as appropriate;
- Complying with all University policies.

The ideal candidate will have:

Essential

- A PhD in Computer Science or a related discipline;
- A strong academic record in teaching and research;
- A proven record in research publication, supervision, and an ability to contribute to future research leadership in Maynooth University;
- Evidence of a sustained record of scholarly work and publication of international quality, demonstrating potential to become a significant contributor in their field;
- Evidence that they follow/understand and apply open science FAIR principles for the reproducibility of their research;
- Participation in research conferences and seminars;
- Experience of, and commitment to, working in an interdisciplinary setting;
- Ability to engage in research collaboration with industry and across disciplines;
- Clear potential to secure competitive research funding;
- Ability to provide core lectures and practical classes in Computer Science to undergraduate and postgraduate students;
- Experience of and a demonstrated commitment to undergraduate and postgraduate teaching, programme development and academic innovation;
- Excellent communication, administrative, organisational, teamwork and interpersonal skills;
- Experience supervising graduate research students;
- Experience of developing new modules and teaching material;
- Career driven, enthusiastic and highly motivated;
- Willingness to contribute to the Discipline, Department and the wider community;
- Ability to take the initiative;
- A commitment to their own professional development;
- Strong leadership skills.

Desirable

- Demonstrated ability to secure competitive research funding.
- Experience of recruiting and supervising research postgraduate students.
- Demonstrated ability to lead and oversee research projects.



- Evidence of research collaboration with industry, society and universities.
- Experience of using innovative teaching methods.
- Evidence of high-quality teaching.
- Experience of working collaboratively and effectively in an inter and multidisciplinary environment.

The University

Maynooth University is a very distinctive university, a collegial institution focused on science and engineering, humanities, and social sciences, and equally committed to research, teaching and community engagement. Located in Ireland's only university town, its distinctive features and character owe much to its unique history and heritage. It provides a high-quality educational experience to over 15,000 students on a campus with 18th century roots and 21st century dynamism.

The strategic trajectory and accomplishments of Maynooth University, in the 25 years since its establishment as an autonomous public university, are exceptional, and a source of great pride to the university community, staff, students and alumni. Maynooth University in 2024 ranked in the top 90 global Times Higher Education (THE) Young University rankings, placing 86th in the world. Maynooth University's growing global reputation is based on the originality, quality, importance and impact of its research and scholarship, commitment to teaching and learning, the quality of academic programmes, and its leadership in widening participation in higher education. The sources of success are the dedication of its staff and the energy and engagement of its students.

Maynooth University is a place of lively contrasts – a modern institution, dynamic, rapidly-growing, research-led and engaged, yet grounded in historic academic strengths and scholarly traditions. With over 15,000 students Maynooth offers a range of programmes at undergraduate, postgraduate and doctoral level in the humanities, science and engineering and social sciences, including business, law and education. The University also offers a range of international programmes and partnerships.

Maynooth's unique collegial culture fosters an interdisciplinary approach to research, which its world-class academics bring to bear in tackling some of the most fundamental challenges facing society today. The University's research institutes and centres consolidate and deliver this impact as vibrant communities of learning, discovery and creation. Research at Maynooth also is very much central to its teaching and the University prides itself on placing equal value on its research and teaching missions.

Maynooth University's Values

Our values define who we are, what we believe in and how we act as a community. They underpin our future success and guide our expectations of ourselves and each other. Our values apply to everyone in the University community:

- Integrity
- Collegiality
- Responsibility
- Freedom of expression
- Ambition

Maynooth University Strategic Plan 2023 – 2028

The University's Strategic Plan 2023 - 2028 builds on our rich academic history and strong foundations to set out an ambitious and forward-looking path for the future of our University. This roadmap underscores our commitment to adapt to a changing world while staying true to our values.



Our vision is to be a university of excellence, opportunity and impact, having a significant stake in all three.

For more information about Maynooth University's future direction, please visit:
<https://strategy.maynoothuniversity.ie/>

Plean Straitéiseach Ollscoil Mhá Nuad 2023 - 2028

Tógann Plean Straitéiseach na hOllscoile 2023 - 2028 ar ár stair acadúil shaibhir agus ar ár mbunchlocha láidre chun conair uailmhianach agus cheannródaíoch a leagadh amach do thodhchaí ár nOllscoile. Soiléiríonn an treochlár seo ár dtiomantas do dhul i dtaithí ar dhomhan atá ag síorathrú agus ár ngníomhaíochtaí a chur in oiriúint dó, agus san am céanna a bheith dílis dár luachanna Ollscoile. Is í an fhís atá againn a bheith mar ollscoil feabhais, deiseanna agus tionchair, agus lámh láidir a bheith againn i ngach ceann de na trí ghné seo.

Léigh anseo le haghaidh breis eolais faoi thodhchaí Ollscoil Mhá Nuad:
<https://strategy.maynoothuniversity.ie/?lang=ga>

Faculty and Research Institutes

The Faculty of Science and Engineering comprises the Departments of Biology, Computer Science, Chemistry, Mathematics and Statistics, Physics and Psychology. The role of the Faculty is to co-ordinate the academic activities of individual departments, to oversee the strategic development of departments and to support interdepartmental programmes. The University has also developed a number of interdisciplinary institutes to support excellent research and to build research capacity across disciplines.

The Department

The Department of Computer Science has 38 staff and offers undergraduate and postgraduate degrees based on its many research strengths. These include Artificial Intelligence, Cognitive modelling, Computer Science education, Computer Vision, Data analytics, Dependable Software, DNA and Molecular Computing, Formal Methods and Software Verification, Foundations of Computer Science, GeoComputation, Image and optical processing, Information theory, Machine learning, Multimedia signal processing, Natural language processing, Robotics, and Theoretical Computer Science.

Selection and Appointment

- Only shortlisted candidates will be invited to attend for interview;
- Candidates invited for interview will be required to make a brief presentation;
- Appointments will be approved by the President based on the report of the selection board;
- It is anticipated that interviews will be held during July 2025.
- The appointment is expected to be effective from September 2025

Equality and Diversity

Maynooth University actively works to ensure equality, celebrate the diversity of our community, and promote inclusion. To learn more about our commitment to Equality and Diversity, please read the Maynooth University [Equality and Diversity Policy](#) / [Polasáí Comhionannais agus Éagsúlachta](#), our policy on the [Employment of People with Disabilities](#), and our [Gender Equality Action Plan 2023-2026](#).



We aim to reflect the diversity of the community we serve and welcome applications from all individuals across our society.

Terms and Conditions

Tenure	<p>This a full-time, temporary post, of 5 years duration.</p> <p>The appointment will be made at Assistant Professor / Lecturer level, of which there are two grades: Assistant Professor / Lecturer and Assistant Lecturer. To be appointed at the Assistant Professor / Lecturer level, the successful candidate will hold a PhD qualification, have a strong record of research, publications, teaching and academic leadership.</p>
Salary	<p>Assistant Professor / Lecturer: €64,112 – €101,524 p.a. (7 points) Assistant Lecturer: €41,682 - €71,285 p.a. (14 points)</p> <p>Appointments will be made in accordance with public sector pay provisions.</p>
Location	The place of work is the campus of Maynooth University, Maynooth, Co. Kildare.
University policies and schemes	<p>Employees of the University will be subject to the terms of the University policies and schemes, available on the University website at:</p> <p>https://www.maynoothuniversity.ie/university-policies</p> <p>https://www.maynoothuniversity.ie/human-resources/policies</p>
Pension	<p>This is a pensionable post. Employees of the University will enter into a public sector pension scheme, and as such, applicants must ensure they are eligible to become a member of a public sector pension scheme for the duration of the appointment. Details of the public sector pension schemes are available at:</p> <p>https://www.maynoothuniversity.ie/human-resources/pension-information</p>
Eligibility	<p>Applicants should note that eligibility is determined by the Department of Enterprise, Trade and Employment. Further information regarding eligibility is available at:</p> <p>https://enterprise.gov.ie/en/what-we-do/workplace-and-skills/employment-permits/employment-permit-eligibility/</p> <p>Non-EEA applicants are responsible for ensuring they can secure a visa to travel to Ireland. Any offer of employment is conditional on applicants securing the appropriate employment permissions.</p> <p>Former Irish Public Service employees - Certain Restrictions on Eligibility</p> <p>Eligibility of applicants formerly employed by an Irish Public Sector body, and who availed of an Irish Public Service Redundancy or Incentivised Retirement Scheme under the Schemes below, may be affected:</p> <ul style="list-style-type: none"> • Collective Agreement: Redundancy Payments to Public Servants • Incentivised Scheme for Early Retirement (ISER) • Department of Health and Children Circular (7/2010) • Department of Environment, Community & Local Government (Circular Letter LG(P) 06/2013)



	Applicants should ensure that they are eligible to be re-engaged in the Irish Public Service under the terms of such Schemes. Applicants should address queries with their former Irish Public Sector employer.
Garda vetting	Garda vetting or clearance may be required by the University.
Medical	The University may require a medical examination as a condition of employment.

Data Protection Law

Applications to the University will be treated in accordance with the University Data Protection Policies. For information on the University's Data Protection Policies and Privacy Notice, please see our website: <https://www.maynoothuniversity.ie/data-protection>

Application Procedure

Closing Date:

23:30hrs (local Irish time) on **Sunday, 6th of July 2025**.

Please note all applications must be made via our **Online Recruitment Portal** at the following link:

<https://www.maynoothuniversity.ie/human-resources/vacancies>

Applications must be submitted by the closing date and time specified above. Any applications which are still in progress at the closing time on the specified closing date will be cancelled automatically by the system.

Applicants must provide the following information:

1. A comprehensive curriculum vitae, including a full list of publications, including an ORCID url webpage (with public visibility) containing the list of all publications as per Open Science. The CV should highlight other applications (than open access publications) of open science principles as part of their teaching or research practices.
2. A research plan summarising research to be carried out in the next three years – max 2 pages.
3. A teaching statement summarising teaching experience and approach. This also includes any experience of science communications (e.g. tutorials, seminars, demonstrations, public engagement, etc) – max 2 pages.

Late applications will not be accepted.

Maynooth University is an equal opportunities employer

The position is subject to the Statutes of the University

