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

Post Specification

Post Title:	**Research Fellow**
Post Status:	Specific Purpose Contract – Full-time.
Research Group / Department / School:	AI Discipline, School of Computer Science and Statistics, Trinity College Dublin, the University of Dublin. This post will also collaborate with researchers in the Research Ireland RINN AI research centre.
Location:	School of Computer Science and Statistics, Trinity College Dublin, the University of Dublin College Green, Dublin 2, Ireland
Reports to:	Prof. Declan O'Sullivan
Salary:	Appointment will be made on the **Postdoctoral Researcher Level 2** of the **Irish University Associations scales** at a point in line with Government Pay Policy [€55,399 to €60,250 per annum], appointment will be made no higher than point [#4]
Hours of Work:	39 hours per week (full-time)
Closing Date:	12 Noon (GMT), **16th December 2026**

Post Summary

The Virtual Record Treasury of Ireland (VRTI) is an all-island and international research partnership of Historians, Computer Scientists and Archivists. Its core mission is to reconstruct the record collections of the Public Record Office of Ireland — a magnificent archive destroyed in 1922 at the outset of the Civil War. As Ireland's National Platform for Digital History and Heritage, we are harnessing advanced technologies to create a shared digital infrastructure for research on Ireland's deep history. This is an ever-growing, open-access

resource, freely and permanently available online to all those interested in Ireland's deep history, at home and abroad.

Over the last number of years through the Virtual Records Treasury of Ireland (VRTI), computer scientists have collaborated with historians to research and introduce the platform, underpinned by a scalable database (virtualtreasury.ie) and knowledge graph (kg.virtualtreasury.ie), that enables public and scholars alike to engage with the records. VRTI has already brought together more than half a million replacement records and over 340 million words of searchable history. Its partners have helped recover a documentary inheritance on a scale few would have thought possible a decade ago.

In the next phase, the ambition is to continue to harness technology for public benefit, and to create the world's most technologically advanced research platform dedicated to a single nation's past.

With its focus on researching, developing and introducing advanced Human Computer Interaction (HCI) and search capabilities, the post will help realise this ambition.

Standard Duties and Responsibilities of the Post

- Develop and evaluate novel interfaces for a wide range of users to search, explore and engage with the Virtual Record Treasury of Ireland.
- Develop and evaluate novel interfaces to support historians in the processes that curate and present historical information through VRTI and interlink the information with other authoritative data sources.
- Develop and evaluate novel interfaces to support historians maintain and evolve the information through editing/updating.
- Collaborate with researchers and external partners on interdisciplinary and digital humanities projects.
- Contribute to research publications, reports and project deliverables, and maintain well-documented software, and experimental artefacts.

Funding Information

Irish Government Department of Further and Higher Education, Research, Innovation and Science (DFHERIS)

Person Specification

Qualifications

- A PhD in Human Computer Interaction (HCI) or equivalent topic area.
- An honours degree in Computer Science, Computer Engineering, or another relevant discipline.

Knowledge & Experience

Essential

- The qualifications noted above
- At least 2 years of relevant experience post-PhD qualification.
- Track record of research publication in peer reviewed publication venues.
- Experience in developing using a variety of HCI technologies and frameworks.
- Experience in designing and implementing user evaluations with a wide variety of user types.
- Knowledge of Semantic Web, LLM and RAG technologies.
- Experience analysing complex information and assembling evidence to support defensible findings or conclusions.
- Fluent spoken and written English.
- Demonstrated ability to produce clear, rigorous technical, investigative, professional or research reports
- Ability to work effectively across disciplinary boundaries and communicate technical findings to both specialist and non-specialist audiences.

Desirable

- Experience of designing and developing search and/or knowledge graph-based applications.
- Experience working on Digital Humanities or Digital Heritage projects.

Skills & Competencies

- Strong analytical and investigative skills.
- Ability to critically assess technical claims and supporting evidence.
- Ability to design structured and reproducible evaluations.
- Competence in Python and data-analysis tools.
- Excellent written communication and report-writing skills.
- Ability to work both independently and collaboratively.
- Strong organisational and project-management skills.
- Commitment to rigorous, transparent and reproducible research.

Application Procedure

Applicants should submit a full Curriculum Vitae in PDF format to include the names and contact details of 2 referees (including email addresses) and a maximum 2 page cover letter in PDF format, via the following form **only**:-

https://forms.gle/fVG4xEHFuntG13Gz8

Any application that is not received via the above form or in non-PDF format, will **NOT** be considered

Further Information for Applicants

URL Link to Area	www.tcd.ie
URL Link to Human Resources	https://www.tcd.ie/hr/

Trinity College Dublin, the University of Dublin

Trinity is Ireland's leading university and is ranked 87 in the World by the QS World University Ranking 2025. Founded in 1592, the University is steeped in history with a reputation for excellence in education, research and innovation.

Located on an iconic campus in the heart of Dublin's city centre, Trinity has 18,000 undergraduate and postgraduate students across our three faculties – Arts, Humanities, and Social Sciences; Engineering, Mathematics and Science; and Health Sciences.

Trinity is ranked as the Trinity is the 31st most international university in the world - Times Higher Education 2024 and has students and staff from over 120 countries.

The pursuit of excellence through research and scholarship is at the heart of a Trinity education, and our researchers have an outstanding publication record and strong record of grant success. Trinity has developed 19 broad-based multidisciplinary research themes that cut across disciplines and facilitate world-leading research and collaboration within the University and with colleagues around the world. Trinity is also home to 5 leading flagship research institutes:

- Trinity Biomedical Sciences Institute (TBSI)
- Trinity College Institute of Neuroscience (TCIN)
- Trinity Translational Medical Institute (TTMI)
- Trinity Long Room Hub Arts and Humanities Research Institute (TLRH)
- Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN)

Trinity is the top-ranked European university for producing entrepreneurs for the past five successive years and Europe's only representative in the world's top-50 universities (Pitchbook Universities Report).

Trinity is home to the famous Old Library and to the historic Book of Kells as well as other internationally significant holdings in manuscripts, maps and early printed material. The Trinity Library is a legal deposit library, granting the University the right to claim a copy of every book published in Ireland and the UK. At present, the Library's holdings span

approximately 6.5 million printed items, 400,000 e-books and 150,000 e-journals.

With over 120,000 alumni, Trinity's tradition of independent intellectual inquiry has produced some of the world's finest, most original minds including the writers Oscar Wilde and Samuel Beckett (Nobel laureates), the mathematician William Rowan Hamilton and the physicist Ernest Walton (Nobel laureate), the political thinker Edmund Burke, and the former President of Ireland Mary Robinson. This tradition finds expression today in a campus culture of scholarship, innovation, creativity, entrepreneurship and dedication to societal reform.

Rankings

Trinity College Dublin is the top ranked university in Ireland.

- Trinity College Dublin is Ireland's No.1 University - QS World University Ranking 2025; Times Higher Education World University Rankings 2024
- Trinity is ranked 87 in the World by the QS World University Ranking 2025
- Trinity is ranked 139 in the World by the Times Higher Education World University Rankings 2025

  Full details are available at: www.tcd.ie/research/about/rankings.

The Selection Process in Trinity

The Selection Committee (Interview Panel) may include members of the Academic and Administrative community together with External Assessor(s) who are expert in the area. Applications will be acknowledged by email. If you do not receive confirmation of receipt within 1 day of submitting your application online, please contact the named Recruitment Partner on the job specification immediately and prior to the closing date/time.

Given the degree of co-ordination and planning to have a Selection Committee available on the specified date, the University regrets that it may not be in a position to offer alternate selection dates. Where candidates are unavailable, reserves may be drawn from a shortlist.

Outcomes of interviews are notified in writing to candidates and are issued no later than 5 working days following the selection day.

In some instances the Selection Committee may avail of telephone or video conferencing. The University's selection methods may consist of any or all of the following: Interviews, Presentations, Psychometric Testing, References and Situational Exercises.

It is the policy of the University to conduct pre-employment medical screening/full pre-employment medicals. Information supplied by candidates in their application (Cover Letter and CV) will be used to shortlist for interview.

Applications from non-EEA citizens are welcomed. However, eligibility is determined by the Department of Business, Enterprise and Innovation and further information on the Highly Skills Eligible Occupations List is set out in Schedule 3 of the Regulations https://dbei.gov.ie/en/What-We-Do/Workplace-and-Skills/Employment-Permits/Employment-Permit-Eligibility/Highly-Skilled-Eligible-Occupations-List/ and the Ineligible Categories of Employment are set out in Schedule 4 of the Regulations https://dbei.gov.ie/en/What-We-Do/Workplace-and-Skills/Employment-Permits/Employment-Permit-Eligibility/Ineligible-Categories-of-Employment/ . Non-EEA candidates should note that the onus is on them to secure a visa to travel to Ireland prior to interview. Non-EEA candidates should also be aware that even if successful at interview, an appointment to the post is contingent on the securing of an employment permit.

Equal Opportunities Policy

Trinity is an equal opportunities employer and is committed to employment policies, procedures and practices which do not discriminate on grounds such as gender, civil status, family status, age, disability, race, religious belief, sexual orientation or membership of the travelling community. On that basis we encourage and welcome talented people from all backgrounds to join our staff community. Trinity's Diversity Statement can be viewed in full at https://www.tcd.ie/diversity-inclusion/diversity-statement.

Pension Entitlements

This is a pensionable position and the provisions of the Public Service Superannuation (Miscellaneous Provisions) Act 2004 will apply in relation to retirement age for pension purposes. Details of the relevant Pension Scheme will be provided to the successful applicant.

Applicants should note that they will be required to complete a Pre-Employment Declaration to confirm whether or not they have previously availed of an Irish Public Service Scheme of incentivised early retirement or enhanced redundancy payment. Applicants will also be required to declare any entitlements to a Public Service pension benefit (in payment or preserved) from any other Irish Public Service employment.

Applicants formerly employed by the Irish Public Service that may previously have availed of an Irish Public Service Scheme of Incentivised early retirement or enhanced redundancy payment should ensure that they are not precluded from re-engagement in the Irish Public Service under the terms of such Schemes. Such queries should be directed to an applicant's former Irish Public Service Employer in the first instance.

Application Procedure

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Any application not received via the above form or in non-PDF formats, will NOT be considered


Athena
SWAN
Bronze Award

UNIVERSITY
VACANCIES IRELAND
universityvacancies.com

glen
gay + lesbian
equality network
DIVERSITY
CHAMPIONS

Workplace
Equality Index
2016
Top 10 Employer
FOR LGBT EQUALITY

Workplace
Equality Index
2016
Public Sector Employer of
the Year
FOR LGBT EQUALITY