



Research Centre	ADAPT Centre, Centre for Digital Content Platform Research
Post title	Post-Doctoral Researcher in Information Retrieval and Recommender Systems (Spokes)
Level on Framework	Level 1
Post duration	Fixed Term up to 2 Years

Research Career Framework

As part of this role the researcher will be required to participate in the DCU Research Career Framework <http://www.dcu.ie/hr/ResearchersFramework/index.shtml> This framework is designed to provide significant professional development opportunities to Researchers and offer the best opportunities in terms of a wider career path.

Background & Role

The ADAPT Centre for digital content technology seeks to appoint a post-doctoral researcher in Information Retrieval (IR) and Recommender Systems (RS) on the targeted research programme which addresses the research and development interests of ADAPT industry partners. It is envisaged that the post will commence in March 2017.

ADAPT is Ireland's global centre of excellence for digital content technology. Led by TCD, it combines the expertise of researchers at four universities (Trinity College Dublin, Dublin City University, University College Dublin, and Dublin Institute of Technology) with that of its industry partners to produce ground-breaking digital content innovations.

ADAPT brings together more than 120 researchers who collectively have won more

than €100m in funding and have a strong track record of transferring world-leading research and innovations to more than 140 companies. With €50M in new research funding from Science Foundation Ireland and industry, ADAPT is seeking a talented individual to join its growing research team. Our research and technologies will continue to help businesses in all sectors and drive back the frontiers of future Web engagement.

Principal Duties and Responsibilities

The successful candidate will work within a large group of Post-doctoral Researchers, PhD students and Software Developers. The work of these post-doctoral researchers will be fundamental in applying ADAPT research breakthroughs in applications areas of IR and RS identified by our commercial partners, with whom the researcher will necessarily work closely.

Reporting to his/her Principal Investigator the Post-doctoral Researcher will:

- Research solutions to problems identified by industry partners in the application of IR and RS in their information application.
- Produce top-quality journal and conference publications, in collaboration with the PI, and, where appropriate, industry partners.
- Identify and write proposals for research funding.
- Participate in ADAPT Centre activities, such as industry showcases and annual reviews.
- Provide support and advice to any PhD students working on the same project.
- Contribute to teaching and supervision in the School of Computing.
- Report on progress at meetings and in writing to ADAPT Centre Management.
- Assist in identifying and developing future research and funding initiatives.
- Engage in the dissemination of the results of the research in which he/she is engaged with the support of and under the supervision of the Principal Investigator.
- Engage in appropriate training and development opportunities as required by the Principal Investigator, the School or Research Centre, or the University.
- Liaise with both internal and external stakeholders including industry and academic partners/collaborators.
- Carry out administrative work associated with the programme of research as necessary.

Funding Information

The position is funded through the Science Foundation Ireland (SFI) ADAPT Research Centre.

Minimum Criteria

It is essential that applicants have a PhD in Information Retrieval and/or Recommender Systems with 1-2 years Post-Doctoral experience. In addition, it is desirable that the candidate has:

- A strong background in information retrieval and recommender system technologies with an emphasis on statistical methods.
- Very good programming skills.
- Experience in designing, implementing and carrying out IR and RS evaluations.
- Excellent research skills, with experience, ideally, in the following:
 - innovative solutions to novel IR and RS problems
 - development and evaluation of IR and RS systems
 - reporting of results in written and oral form

Salary: *€37,750 - €46,255 per annum

** Appointments will be commensurate with qualifications and experience, and will be made on the appropriate point of the salary scales, in line with current Government pay policy*

Closing date: 31 January 2017

Candidates will be assessed on the following competencies:

Discipline knowledge and Research skills – Demonstrates knowledge of a research discipline and the ability to conduct a specific programme of research within that discipline and in collaboration with industry partners.

Understanding the Research Environment – Demonstrates an awareness of the research environment (for example funding bodies and key industry players) and the ability to contribute to grant applications

Communicating Research – Demonstrates the ability to communicate their research with their peers, with industry partners, and with the wider research community (for example presenting at conferences and publishing research in relevant journals) and the potential to teach and tutor students

Managing & Leadership skills - Demonstrates the potential to manage a research project including the supervision of undergraduate students and to meet industry partner expectations regarding project turn-around times.

Application Procedure

Informal Queries to: Sinead Gorham sinead.gorham@adaptcentre.ie. Please include the ADAPT Position Title in all email communications.

Please do not send applications to this email address, instead apply as described below

Application forms are available from the DCU Current Vacancies (open Competitions) website at <https://www.dcu.ie/hr/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 7005149.

Applications should be submitted by email to hr.applications@dcu.ie or by Fax: +353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9. Human Resources Department, Dublin City University, Dublin 9. Tel: +353 1 700 5149; Fax: +353 1 700 5500 Email: hr.applications@dcu.ie

Please clearly state the role that you are applying for in your application and email subject line: Job Ref 464 Post-Doctoral Researcher in Information Retrieval and Recommender Systems (Spokes)

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