



Applications are invited from suitably qualified candidates for the following position

Postdoctoral Researcher in Statistical Machine Translation (Two Posts)

ADAPT Centre, Centre for Digital Content Platform Research

Level on the Career Framework: Level 1

FTC up to 2 years

Overview

As part of this role the researcher will be required to participate in the DCU Research Career Framework. This framework is designed to provide significant professional development opportunities to Researchers and offer the best opportunities in terms of a wider career path. The role may include teaching duties to assist with module delivery.

Background

Dublin City University (www.dcu.ie) is a research-intensive, globally-engaged, dynamic institution that is distinguished by both the quality and impact of its graduates and its focus on the translation of knowledge into societal and economic benefit. DCU prepares its students well for success in life, and in the workplace, by providing a high-quality, rounded education appropriate to the challenges and opportunities of the 21st century. As Ireland's University of Enterprise and Transformation, DCU is characterised by a focus on innovation and entrepreneurship and a track-record of effective engagement with the enterprise sector, including commercial, social and cultural enterprises. Excellence in its education and research activities has led to DCU's consistent position in the rankings of the world's top young universities.

The ADAPT Centre for digital content platform technology seeks to appoint two postdoctoral researchers in Neural Machine Translation (NMT) on the targeted research programme which

addresses the research and development interests of ADAPT industry partners. It is envisaged that the first of the two posts will commence in September 2020, and the second in January 2021.

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 150 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 talented individuals 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

Principle Duties and Responsibilities

Please refer to the job description for a full list of duties and responsibilities associated with this role.

Qualifications, Skills and Experience Required

The ideal candidate will have PhD in Machine Translation or a related discipline. In addition, ideally, it is desirable that the candidate has:

- Demonstrable experience in the translation and/or localisation industry.
- A strong background in statistical machine translation and translation technology, with a particular emphasis on neural models of MT
- Excellent machine-learning skills.
- Excellent programming skills.
- Excellent research skills, with experience, ideally, in the following:
 - NMT system-building and deployment expertise,
 - MT in low-resource situations (domains, or language pairs),
 - Up-to-date knowledge of the main areas of application for NMT in industry and academia.

Mandatory Training

The post holder will be required to undertake the following mandatory compliance training: Orientation, Health and Safety and Intellectual Property and Data Protection training. Other training may need to be undertaken when required.

Salary Scale: * €37,874 - €49,049 per annum

*Appointment will be commensurate with qualifications and experience and in line with current Government pay policy

Closing date: Friday, 11th September 2020

Application Procedure:

Informal enquiries can be made to; Dr Andy Way, Professor in Computing, DCU.

andy.way@adaptcentre.ie, Ph; (01) 7005074

Application forms are available from the DCU Current Vacancies (open Competitions) website at <http://www.dcu.ie/vacancies/current.shtml>.

Applications should be submitted by e-mail with your completed application form to hr.applications@dcu.ie . **Please clearly state the role that you are applying for in your application and email subject line: Job Ref #RF1406 Postdoctoral Researcher – in Statistical Machine Translation.**

Dublin City University is an equal opportunities employer and is committed to promoting gender equality reflected in its attainment of the Athena SWAN Bronze Award. Information on a range of university policies aimed at creating a supportive and flexible work environment are available at www4.dcu.ie/policies/policy-starter-packs.shtml.