



Applications are invited from suitably qualified candidates for the following position;

Research Assistant
Insight SFI Research Centre for Data Analytics
Dublin City University
12 Month Fixed Term Contract

Overview

The Insight SFI Research Centre for Data Analytics (<http://www.insight-centre.org>) is an SFI funded Research Centre which brings together researchers from University College Dublin, NUI Galway, University College Cork, and Dublin City University, as well as other partner institutions, Trinity College Dublin (TCD), University of Limerick (UL), Maynooth University (MU) and Tyndall National Institute. It creates a critical mass of more than 400 researchers from Ireland's leading ICT clusters to carry out research on a new generation of data analytics technologies in a number of key application domain areas, such as Health and Human Performance, Smart Communities, Internet of Things, Enterprise and Services and Sustainability and Operations.

The €150m Centre is funded by Science Foundation Ireland and a wide range of industry and European Union partners. Insight's research focus encompasses a broad range of data analytics technologies from machine learning, decision analytics and social network analysis to linked data, recommender systems and the sensor web. Together, with more than 220 partner companies, Insight researchers are solving critical challenges in the areas of Connected Health and the Discovery Economy.

Project and Role Profile

The COVID-19 pandemic has had a dramatic impact on the aviation industry due to international travel restrictions and decreased demand among travellers. Currently, airports impose such measures as wearing of face masks and physical distancing to limit the risk of coronavirus for passengers. This project aims to create a real-time system that will use the airports existing CCTV infrastructure to monitor physical distancing, detect potential crowd build up, and better inform airport operations and decision making.

Principal Duties and Responsibilities

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

Qualifications and Experience

Minimum Criteria

You must hold a primary degree (NFQ Level 8) in a relevant discipline and should have at least have 1 year of relevant experience.

In addition, the successful candidate will ideally have:

- Excellent written and oral proficiency in English (essential).
- Excellent written and verbal communication skills.
- Proven ability to prioritize workload and work to strict deadlines.
- Ability to work in a team and to take responsibility to contribute to the overall success of the team.
- Strong problem solving abilities.
- Experience with machine learning (preferably deep learning)
- Experience with software development (Python)

Mandatory Training

Post holders will be required to undertake the following mandatory training: Orientation, GDPR, and Compliance. Other training may need to be undertaken when required

Salary Scales: €23,061 - €35,922 per annum (IUA Research Assistant Salary Scale).

Appointment will commensurate with qualifications and experience, and will be made on the appropriate point on the salary scale, in line with current Government pay policy.

Closing Date: Wednesday 18th of November 2020

Informal enquiries should be directed to:

Dr. Kevin McGuinness, Assistant Professor School of Electronic Engineering

E-mail: kevin.mcguinness@dcu.ie

Tel: 01 700 5133

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

Additional Information

The successful candidates will be offered opportunities for developing their own careers in a number of directions including support for conference/workshop travel, upskilling through Insight's continuous professional development in areas like research ethics and data privacy, student supervision and development and submission of their own research project proposals.

Application Procedure

Application forms are available from the DCU Internal Vacancies website at <https://www.dcu.ie/hr/vacancies/current.shtml>.

Applications must be submitted by e-mail to hr.applications@dcu.ie

**Please clearly state the role that you are applying for in your application and email subject line:
Job Ref #RF1436 Research Assistant.**

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.