



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

Research Fellow
Insight Centre for Data Analytics
Fixed Term Contract – 18 months

This position is open to candidates who meet the following criteria:

- PhD in Engineering or Computer Science
- A minimum of 3 years' relevant postdoctoral research experience or equivalent at Level 1 of the Research Career Framework.
- Previous experience at the level of Research Fellow (or equivalent) is preferred

In addition, it is essential that the candidate has a subset of the following skills;

- Knowledge of one or more of: Java, C++, PHP, node.js, Objective-C, C.
- Knowledge of scripting languages: Python, Bash, Perl, JavaScript, d3.js.
- Experience working with UNIX, Linux, VMWare, Docker, OSX or Windows operating systems.
- Experience of developing web services
- Experience of deploying and managing sensors
- Experience of developing machine learning, especially deep learning based applications
- Experience in one or more deep learning frameworks, such as PyTorch, Tensorflow, Theano, Keras, Lasagne etc.
- Experience of modern techniques and implementations in computer vision

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.

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: * €53,776 – €58,597

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

Closing date: 30th August 2019

Candidates will be assessed on the following competencies:

Discipline knowledge and Research skills – Demonstrates the ability to design and implement part of a programme of research (for example by using critical thinking and the application of relevant research methodologies).

Understanding the Research Environment – Demonstrates a thorough understanding of the research environment both nationally and internationally and the ability to contribute substantially to grant applications.

Communicating Research – Demonstrates the ability to communicate their research effectively to the research community and wider society (for example by publishing their research in high quality peer reviewed journals) and the ability to teach and tutor students.

Managing & Leadership skills - Successfully manages research projects including the management and supervision of postgraduates and/or junior research staff.

Informal Enquiries in relation to this role should be directed to:

Prof. Noel O'Connor, Insight Centre for Data Analytics, Dublin City University E-mail: noel.oconnor@dcu.ie Phone: +353 (0)1 700 5078

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

Application Procedure:

Application forms are available from the DCU Current Vacancies (open Competitions) website at <http://www.dcu.ie/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 e-mail to hr.applications@dcu.ie or by Fax: +353 (0)1 700 5500 or by post to the Human Resources Department, Dublin City University, DCU Glasnevin Campus, Dublin 9, D09W6Y4.

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