



**Insight Centre for Data Analytics
Artificial Intelligence Postdoctoral Researcher
Fixed term contract – 6 months**

Applications are invited from suitably qualified candidates for the above position.

The Project

We are seeking an expert in Artificial Intelligence approaches to work as part of a small team to research, design and test an embedded intelligent anomaly detection system. The artificial intelligence driving the Anomaly detection system will be based on an algorithm utilizing Reproducing Kernel Hilbert Space transforms and Bayesian optimisation. This project is very much driven by the practical utility of AI on constrained power and computation devices and is not a pure research project.

Minimum Criteria

- The ideal candidate possess the following:
- A PhD in Computer Science, Engineering or a related discipline;
- The ability to demonstrate deep mathematical understanding of AI approaches as well as understanding of how to build and demonstrate the approaches for real live testing.

Main Duties and Responsibilities

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

Skills and Expertise

Please refer to the job description for a full list of skills and expertise required for this role.

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.

Salary: Post-doctoral Researcher Level 1, point 1-3 €37,874 – €40,220

*Appointment will be commensurate with qualifications and experience

Closing date: 17 September 2019

Application Procedure

Informal enquiries to: Prof. Tomas Ward, Insight Centre for Data Analytics, Dublin City University

E-mail: tomas.ward@dcu.ie

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.

Please clearly state the role that you are applying for in your application and email subject line: Job Ref #RF1271 Artificial Intelligence Postdoctoral Researcher.

Applications and CV 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.

Dublin City University is an equal opportunities employer