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

**Embedded Systems Engineer**  
Insight Centre for Data Analytics  
6 months Fixed Term Contract

**Background**  
The Insight 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), National University of Ireland, Maynooth (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.

**Role Profile**  
We are seeking an embedded systems engineer to translate algorithms for streaming data processing into implementation on a range of embedded systems suitable for deployment in Internet of Things applications. More specific details can be discussed upon interview.

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

**Qualifications and Experience**  
This position is open to candidates who meet the following criteria:

- Degree in an appropriate area (Electronic, Electrical or Communications Engineering or a related discipline) or equivalent (NFQ Level 8)
- 5 years’ appropriate experience (6 for those with an NFQ Level 7 qualification)
- Strong low level device programming skills
- Portfolio of projects
- Evidence of translation of ideas to high quality implementations

**Technical Skills**  
At this stage of the project the Embedded Systems Engineer has an opportunity to propose implementation details most appropriate to the user requirement specifications although the following is a strong indication of possible skill sets:
- Ability to write light-weight code to run under strict memory/power constraints
- Knowledge of networks, and implementation of multi-tiered networks
- Proficiency in low level languages (C, C++)

**Skills**
- Excellent written and verbal communication and interpersonal 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

**Mandatory Training**
The post holder will be required to undertake the following mandatory compliance training: Orientation, Health & Safety and Data Protection (GDPR). Other training may need to be undertaken when required.

**Salary Scale**: €57,431.00 per annum

**Closing date**: 2nd December 2019

**Informal Enquiries in relation to this role should be directed 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.

Applications should be submitted by e-mail with your completed application form to hr.applications@dcu.ie or by post to the Human Resources Department, Dublin City University, DCU Glasnevin Campus, Dublin 9, D09W6Y4.

*Please clearly state the role that you are applying for in your application and email subject line: Job Ref #RF1293 Embedded Systems Engineer*

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.