Research Centre | Insight  
Post title | Senior Research Fellow (2 posts)  
Data Analytics  
Level on Framework | Level 3  
Post duration | Fixed Term Contract – 12 months

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.

Background & Role
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 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.

The Insight Centre is now recruiting for two Senior Research Fellow positions to join existing teams working on industry research & development projects funded by Enterprise Ireland through Commercialisation Fund Awards.
Principal Duties and Responsibilities
Reporting to his/her Principal Investigator the Senior Research Fellow will:

- Take a lead role in managing a specific programme of research under the supervision of the Principal Investigator.
- Identify and secure external sources of funding and manage budgets and resources accordingly.
- Manage budgets and resources accordingly and liaise as necessary with the support units within DCU to achieve this.
- Disseminate the outcomes of the research in which he/she is engaged including publishing in high quality peer reviewed journals of international standing.
- Manage and supervise research groups and teams.
- Develop new models of research collaboration.
- Make an international and national contribution to the research field in which he/she is engaged including as an invited speaker at an international conference and through invitation to participate in commercial research.
- Engage in appropriate training and development opportunities as required by the Principal Investigator, the School or Research Centre, or the University.
- Engage in teaching and teaching assistance as assigned by the Head of School under the direction of the Principal Investigator.
- Manage and conduct administrative and management tasks associated with your programme of research.

Minimum Criteria
Applicants should have a PhD in Computer Science, Engineering or a related discipline. Applicants should have a minimum of 6 years postdoctoral research experience or equivalent at Level 2 of the Research Career Framework. In addition, it is essential that the candidate has experience in advanced computing skills and should have analytical and problem solving skills. In addition, candidates should have a high level of social skills, team working skills, report writing, time management skills and ability to work to deadlines. Desirable attributes include experience in industry-led research with international patent output, presentation skills and academic article writing skills.

Salary: €67,890 - €72,857*
*Appointments will be commensurate with qualifications and experience, and will be made on the appropriate point of the salary scales, in line with current Government pay policy

Closing date: 4th February 2020

Candidates will be assessed on the following competencies:

Discipline Knowledge & Research skills – Demonstrates the ability to design and/or implement a substantial programme of research including initiating and leading new research programmes (for example by using critical judgement and an understanding of new research methodologies).

Understanding the Research Environment – Demonstrates a thorough knowledge of the research environment both nationally and internationally, the ability to secure significant research funding and where relevant the ability to apply for intellectual property rights and/or patents for their research.
**Communicating Research** – Demonstrates excellence in communicating their research nationally and internationally (for example by publishing in high quality peer reviewed journals of international standing and through invitation to participate in commercial research) and the ability to deliver teaching based on their own research.

**Managing & Leadership skills** – Successfully leads and manages research programmes including the management and supervision of a small research team and the financial management of research programmes.

**Informal Enquiries in relation to this role should be directed to:**
Dr Breda Kiernan, DCU, Dublin 9.  
Email: breda.kiernan@insight-centre.org  
Phone: +353 (0)1 700 7931

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 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 #RF1321 Senior Research Fellow Data Analytics.

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.