Applications are invited from suitably qualified candidates for the following position

**Research Centre**                                   Insight SFI Research Centre for Data Analytics

**Post title**                                        Analyst Programmer
                                                      User Experience Engineer


**Post duration**                                     Fixed Term Contract up to 12 Months


**Dublin City University**

Dublin City University (DCU) is a leading innovative European University. It is proud to be one of the world's leading Young Universities and is among the world's top 2% globally. DCU is known as Ireland's University of Impact, with a mission to 'transform lives and societies' and focuses on addressing global challenges in collaboration with key national and international partners and stakeholders.

DCU has over 20,000 students in five faculties spread across three academic campuses in the Glasnevin-Drumcondra area of North Dublin. Thanks to its innovative approach to teaching and learning, the University offers a 'transformative student experience' that helps to develop highly sought-after graduates. DCU is currently No. 1 in Ireland for Graduate Employment Rate, and for graduate income (CSO).

DCU is a research-intensive University and is home to a number of SFI-funded Research Centres. The University participates in a range of European and international research partnerships. DCU is also the leading Irish university in the area of technology transfer as reflected by licensing of intellectual property.

As a 'People First' institution, DCU is committed to Equality, Diversity and Inclusion - a University that helps staff and students to thrive. The University is a leader in terms of its work to increase access to education, and is placed in the world's Top 10 for reducing inequalities in the Times Higher Education Impact Rankings.


**Background**

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.

**The Project**
Researchers at Insight have been developing state-of-the-art machine learning techniques for Natural Language Processing. These techniques have granted potential commercialisation opportunities in several sectors, particularly in traditionally conservative businesses. We are seeking people with a start-up mindset to join our early-stage team developing a new software-as-a-service, which will dramatically improve workload efficiencies in conventional pen-and-paper markets. With output focused on our early-adopter clients, there is a significant opportunity for people with the right interests, enthusiasm and software skills to become part of a new high-growth company as the project develops.

**The Role**
We are seeking a UX Developer to help design an end-user development interface as a web application for the rapid production of complex documents. The design process will extend to MS Office plugins, and therefore an integrated design approach is necessary.

**Principal Duties and Responsibilities**
Please see attached job description for principal duties and responsibilities of the role.

**Qualifications, Skills and Experience Required**
Candidates will have a degree in an appropriate area or equivalent (NFQ Level 7). Typically, an honour BSc in Computer Science, Software Engineering or a related discipline with strong software and programming skills, together with relevant experience in web application development with substantial backend integrations, is expected. Candidates will also have 4 years of relevant working experience in software development.

The successful candidate should demonstrate strong competence in some of these technologies:
- Javascript (Backbone / Angular / Ember / React / jQuery)
- HTML5 & CSS3
- UX / UI Design Experience
- Co-design/co-creation knowledge

In addition, candidates should have:
- Excellent written and verbal communication and interpersonal skills.
- Strong software and programming skills and relevant experience in web application development with substantial backend integrations are expected.
- Ability to develop well-designed software that is clear, documented, tested and delivered continuously to production.

- Ability to review requirements identified by the partners and project leads through customer workshops, communicate via the product backlog, and participate in clarifying features and estimates within the Scrum process.

**Additional Information**
The successful candidate 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.

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

**Salary Scale:** Analyst Programmer II Scale €51,125 - €61,358
*Appointment will be commensurate with qualifications and experience and in line with current Government pay policy.*

**Closing date: Thursday 2nd March 2023**

**For more information on DCU and benefits, please visit** Why work at DCU?

**Informal Enquiries in relation to this role should be directed to:**
Professor Tomas Ward, Professor of Data Analytics, School of Computing, Dublin City University.
Phone + 353 (0)1 7006076. Email: 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 website at
https://www.dcu.ie/hr/vacancies-current-vacancies-external-applicants

Applications should be submitted by e-mail with your completed application form to
tomas.ward@dcu.ie

**Please clearly state the role that you are applying for in your application and email subject line: Job Ref** #RF1787a User Experience Analyst Programmer AP II

*Dublin City University is an equal opportunities employer.*

*In line with the Employment Equality Acts 1998 – 2015, the University is committed to equality of treatment for all those who engage with its recruitment, selection and appointment processes.*

*The University's Athena SWAN Bronze Award signifies the University's commitment to promoting gender equality and addressing any gender pay gaps. Information on a range of university policies aimed at creating a supportive and flexible work environment are available in the [DCU Policy Starter Packs](#)*