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

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

**Post Title**
Trainee Analyst Programmer I

**Post Duration**
Fixed Term Contract up to 5 Months

**DCU**

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.

**The Insight SFI Research Centre for Data Analytics**
The Insight SFI Research Centre for Data Analytics (http://www.Insight-centre.org) is a joint initiative between researchers at University College Dublin, NUI Galway, University College Cork, and Dublin City University, as well as other partner institutions. It brings together a critical mass of more than 400 researchers from Ireland’s leading ICT centres to develop a new generation of data analytics technologies in a number of key application areas.

The €150m Centre is funded by Science Foundation Ireland and a wide range of industry 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 and Role Profile
The Insight Centre is now recruiting for a Trainee Analyst Programmer position to join the KOWROO team working on industry research & development projects funded by Enterprise Ireland through Commercialization Fund Awards.

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

Qualifications, Skills and Experience Required
Candidates must have a degree in an appropriate area or equivalent (NFQ Level 7), (typically an in Computer Science, Software Engineering or a related discipline).

Candidates will ideally have:

- Develop well-designed software that is clear, documented, tested and delivered continuously to production.
- Review requirements identified by the partners and project leads through customer workshops and communicated via the product backlog and participate in the clarification of features and estimates within the Scrum process. Ensure deviations from requirements are clearly documented and agreed with the project manager prior to completion.
- Take responsibility for the technical quality of the features delivered across the team, including documentation, testing strategies, and code.
- Identify and address product bugs, deficiencies, and performance bottlenecks.
- Remain up-to-date on emerging technologies and architecture and propose ways to use them in current and upcoming projects.
- Leverage technical knowledge to cut scope while maintaining or achieving the overall goals of the product.
- Leverage technical knowledge to improve the quality and efficiency of product applications and tools.

Technologies
- Relevant development experience with at least one popular programming language such as Java, Ruby, Python, Node.js/Javascript, Rust, Go, or C/C++/, C#.
- Experience using existing libraries, frameworks, and RESTful APIs to create complex applications.
- Experience using code management and revision services such as Github.
- Familiarity with Test Driven Development, Continuous Integration and Continuous Delivery.
- Strong communication skills for documenting workflows, tools, or complex areas of a codebase.
- Understanding of basic statistical clustering techniques would be beneficial.
- Ability to thrive in a fast-paced environment and multi-task efficiently.
- Ability to work and collaborate in a team.
- Strong analytical and troubleshooting skills.
Essential Training
The post holder will be required to undertake the following mandatory compliance training: Orientation, Health and Safety, Research Integrity and Intellectual Property and Data Protection training. Other training may need to be undertaken when required.

Salary Scale: Trainee Analyst Programmer I - €38,948 – €41,160
*Appointment will be commensurate with qualifications and experience will be made on the appropriate point of the salary scale, in line with current Government pay policy.

Closing date: Monday 26th December 2022

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

Informal Enquiries in relation to this role should be directed to:
Dr. Andrew McCarren, School of Computing, Insight Centre for Data Analytics, Dublin City University.
E-mail: andrew.mccarren@dcu.ie

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 hr.applications@dcu.ie

Please clearly state the role that you are applying for in your application and email subject line: #RF1790 Trainee Analyst Programmer I

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.