Applications are invited from suitably qualified candidates for the following position

Research Assistant
Future Software Systems Architectures (FSSA)
School of Computing
Up to 14 months, fixed term contract.

Background

The Future Software Systems Architectures FSSA project is focused on developing AI based solutions to support the transition towards emerging software architectural paradigms, such as Function as a Service (FaaS). The FSSA project is jointly funded by the Disruptive Technologies Innovation Fund (DTIF), the FINEOS Corporation and FourTheorem Ltd.

This is a cutting-edge research-led project, attempting to adopt AI techniques to address a large emerging market need: the adoption of pay-per-use hardware paradigms / platforms. Partners to the project include Dublin City University, Lero – the Irish Software Research Centre, FINEOS and fourTheorem Limited.

Background & Role

We are seeking a Research Assistant to join an existing team focussed on the research and development of a machine-driven architectural discovery and transformation system that will automate aspects of architectural transformation. This transformation will require automated validation, and will therefore also require transformation of the testing artefacts, including Test Data, Procedures, Unit Tests, Continuous Integration and Deployment assets.
Competency from front end to back-end is required for this highly innovative and ground-breaking project. More specific details can be discussed upon interview.

Responsibilities

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

Minimum Criteria

Candidates will have a degree in an appropriate area or equivalent (NFQ Level 8). Typically, an honours BSc in Computer Science, Software Engineering or a related discipline with strong

software and programming skills and relevant experience in web application development with substantial backend integrations is expected.

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: Research Assistant Scale €26,609 - €35,218 per annum
Appointment will be commensurate with qualifications and experience

Closing Date: Monday 4th October 2021

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. Paul Clarke, Associate Professor, School of Computing, Dublin City University.
Email: Paul.Clarke@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 (internal 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: Job Ref #RF1565 Future Software Systems Architectures Research Assistant

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