Research Centre: IC4 – the Irish Centre for Cloud Computing and Commerce

Post title: Postdoctoral Researcher in Cloud Computing

Level on Framework: Level 1

Post duration: 2-Year Full-Time Fixed Term Contract

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

The Irish Centre for Cloud Computing and Commerce IC4 (http://www.ic4.ie) is an internationally recognised, industry-led, centre of excellence for innovation and applied research, focused on accelerating the development and adoption of cloud computing in Ireland.

IC4’s mission is to develop a world-class creative environment within the Centre that will foster innovation and support the development of a team of highly innovative researchers, based at the collaborating universities. Led by its industry members, IC4 focuses its research efforts on both the development of breakthrough cloud technology applications as well as on evidence-based evaluation of their commercial value proposition.

Role

As part of IC4’s engagement with its industry members, the candidate will work on a research projects in the context of cloud architectures, interoperability and quality management. The researchers will join a team of more than 20 IC4 researchers and developers in partner companies.

The ideal candidate will have research experience in the area of software, service and cloud architecture or a related technology field. Experience in empirical methods would also be an advantage. Current projects include auto-scaling for cloud infrastructures or multi-cloud disaster recovery and availability mechanisms.

The researcher should have an in-depth understanding of software engineering and cloud technology in general, and have extensive expertise on quality management and/or interoperability in particular.

Principal Duties and Responsibilities

Reporting to his/her project coordinator, the Postdoctoral Researcher main duties will include:
To contribute to literature reviews and the development of the research design
To collect and collate the research data as well as to analyse and support the interpretation of the research data
To contribute to academic articles, conference papers, industry white papers and other publications
To engage with industry members of IC4 through participation at seminars and workshops and through collaboration with industry member representatives on research projects.
To contribute to the process of identifying the problems that industry could solve through research collaboration with academia, thus maximising the impact of the research output for industry.
To engage and support other researchers working on projects affiliated to the Centre’s research programme

Minimum Criteria

Applicants should have a PhD in a relevant discipline, evidence of strong empirical research skills and knowledge of some of the relevant academic literature on software and cloud architecture.

Candidates should have skills in the design, management and conduct of research, a high level of interpersonal skills, team working skills, report writing, time management skills and ability to work to deadlines. Desirable attributes include experience in industry-led research, presentation skills and academic writing skills.

Salary scale: €37,750 - €46,255 per annum

Appointment will be commensurate with qualifications and experience.

Closing date: 15 May 2015

Candidates will be assessed on the following competencies:

Discipline knowledge and Research skills – Demonstrates knowledge of a research discipline and the ability to conduct a specific programme of research within that discipline.

Understanding the Research Environment – Demonstrates an awareness of the research environment (for example funding bodies) and the ability to contribute to grant applications
**Communicating Research** – Demonstrates the ability to communicate their research with their peers and the wider research community (for example presenting at conferences and publishing research in relevant journals) and the potential to teach and tutor students.

**Managing & Leadership skills** - Demonstrates the potential to manage a research project including the supervision of undergraduate students.

**Informal enquiries to:**

Dr. Claus Pahl, DCU School of Computing - Email: claus.pahl@dcu.ie, Tel: +353 (0)1 700 5620

**Application Procedure**

Application forms are available from the DCU Current Vacancies (open Competitions) website at www.dcu.ie/vacancies/current.shtml and also from the Human Resources Department, Dublin City University, Dublin 9. Tel:+353 (0) 1 700 5149.

Applications should be submitted by email to hr.applications@dcu.ie or by Fax: +353 (0)1 700 5500 or by post to the Human Resources Department, Dublin City University, Dublin 9.

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