



Research Centre: IC4 - The Irish Centre for Cloud Computing and Commerce
Post Title: Research Assistant in Cloud Computing (Four Posts)
Post Duration: Fixed Term Eleven Months Contract

The Irish Centre for Cloud Computing and Commerce (IC4) is a multi-institutional, industry-led, research centre headquartered at Dublin City University (DCU) with Athlone Institute of Technology (AIT) a core academic partner. IC4 is inter-disciplinary including researchers from computing, business and law. The Centre is industry-led and engages with industry from ideation to dissemination through its Centre Steering Committee and its industry membership programme.

The Centre began operations in 2012 and is funded through to 2018. To date the centre has consistently exceeded its targets for industry engagement through research projects conducted, knowledge dissemination event attendance and through academic publications. It has recently completed an externally-conducted mid-term review, the outcome of which, if successful, will see the Centre funded for a further five years.

Background and Role

The IC4 team, led by Centre Director, Joan Mulvihill and Principal Investigator, Professor Theo Lynn, is responsible for the delivery of industry led research and its dissemination to IC4 members and the wider business community. We require a research assistant to be part of an agile development team, building and working on a range of projects, covering both large and small enterprise, primarily focused on cloud based applications addressing a range of business domains. The Centre is industry focused, and engages with large corporates through to small to medium enterprises, for new product development, new product features and pure research.

Principal Duties and Responsibilities

Reporting to the Principal Investigator as well as taking direction from the Centre Director and senior technical leads on specific projects, the principal duties of the Research Assistant are:

- Conduct, with a very high degree of technical competence a specified programme of research under the supervision and direction of the Principal Investigator.
- Writing articles for publication in peer reviewed journals in collaboration with other staff members
- Disseminate the outcomes of the research in which he/she is engaged including publishing in high quality peer reviewed journals of international standing.
- Support the Principal Investigator and research group in the design and development and implementation of the broader research programme.
- Support if required, the development of proposals for research funding.
- Ensure work is delivered to the highest standards and work to tight project deadlines.
- Contribute to and assist with the drafting of reports, site visit preparation and other administrative management work.
- Undertaking research related to the gathering of primary or secondary data, e.g. literature reviews, questionnaires and interviews.
- Analyzing data and producing the necessary reports to illustrate results.
- Communication with client companies/IC4 members on projects and liaise with stakeholders such as industry and collaborators.
- Engage in appropriate training and development opportunities as required by the Principal Investigator, Research Centre, or the University.

Minimum Criteria

Applicants should have a primary degree in Computer Science or related discipline. In addition, it is desirable that the successful candidate have:

- Solid understanding of object oriented programming concepts, relational database design and querying concepts are pre-requisites.
- Expertise in Microsoft .NET, Visual Studio and development using C# highly desirable, although similar exposure to Java and associated IDEs will also be considered.
- Knowledge of web development using HTML5, CSS and JavaScript and cloud architectures highly desirable, Azure and/or Amazon Cloud Services would be an advantage.
- Strong written and verbal skills.
- A self-starting attitude and strong attention to detail is required.
- A capacity to work independently.

While the role is mainly focused on team-based projects, a capacity to work independently is also essential.

Salary Scale: €21,459 - €33,930

Appointment will be commensurate with qualifications and experience.

Closing Date: 20th November 2017

Informal Enquiries:

Informal enquiries may be addressed to Joan Mulvihill, IC4, DCU Business School, Dublin City University, Dublin 9, Ireland. Email: joan.mulvihill@dcu.ie Telephone: +353-86-3897552. 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.

Please clearly state the role that you are applying for in your application and email subject line: Ref 688 Research Assistant in Cloud Computing.

Applications should be submitted by email to hr.applications@dcu.ie or by Fax: +353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9. Human Resources Department, Dublin City University, Dublin 9. Tel: +353 1 700 5149; Fax: +353 1 700 5500 Email: Insert hr.applications@dcu.ie

Dublin City University is an equal opportunities employer