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

Assistant Professor in Computing (2 Posts)

School of Computing

Faculty of Engineering & Computing

Fixed Term Contract to 31st August 2024

Overview

Dublin City University (www.DCU.ie) is a young, ambitious and vibrant University, with a mission 'to transform lives and societies through education, research, innovation and engagement'. Known as Ireland's 'University of Enterprise and Transformation', it is committed to the development of talent, and the discovery and translation of knowledge that advances society and the economy. DCU is the Sunday Times Irish University of the Year 2021.

The University is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. It currently has more than 18,000 students enrolled across five faculties – Science and Health, DCU Business School, Computing and Engineering, Humanities and Social Sciences and DCU Institute of Education. DCU is committed to excellence across all its activities. This is demonstrated by its world-class research initiatives, its cutting-edge approach to teaching and learning, its focus on creating a transformative student experience, and its positive social and economic impact. This exceptional commitment on the part of its staff and students has led to DCU's ranking among the top 2% of universities globally. It also consistently features in the world's Top 100 Young Universities (currently in QS Top 70 Under 50, Times Higher Top 150 Under 100).

DCU is placed 84th in the world, in the Times Higher Education University Impact Rankings – measuring higher education institutions' contributions towards the UN Sustainable Development Goals. Over the past decade, DCU has also been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

School of Computing

The School of Computing at Dublin City University has earned a strong reputation for excellence in research and teaching. In addition to its existing programmes the B.Sc. in Computer Science degree, the B.Sc. in Computing for Business, the new and innovative BSc in Data Science is the first of its kind in Ireland, and is aimed at students who are interested a career in Big Data, data analytics and related data science roles. We also offer a range of innovative taught programmes aimed at producing graduates with the professional and personal skills most sought after in the Information Economy.

The School also enjoys a lively, engaging environment for research in many areas of computing, with its numerous Ph.D. and M.Sc. research students producing work of significance at both national and international level. With close industry links and fee support for EU students, the School's teaching

and research programmes reflect the current and anticipated needs of Ireland's industrial and commercial sectors while at the same time meeting the most rigorous national and international academic standards

Role Profile

The School of Computing is now looking to appoint an Assistant Professor in Computing to join its expanding team of academics. The ideal candidate would have a strong research track record in Software Engineering. The successful candidate will contribute to teaching, curriculum development and administrative activities in the School of Computing, across all levels. The appointee will have an excellent research track record (including publication in high quality peer-reviewed journals/conferences, engagement in supervision of research students, engagement with industry, attracting research funding) and will be expected to demonstrate an alignment of their research interests with existing research expertise within the School of Computing.

Duties & Responsibilities

Please see the job description for the duties associated with this post.

Qualifications & Experience

Applicants must hold an honours degree and have completed a Doctoral qualification in Software Engineering. The successful candidate should also have a minimum of three year's relevant postdoctoral or industrial experience, with a record of high quality university level teaching and the development of modules related to the sub-topics outlined below.

In addition, the ideal candidate will have:

- An excellent research track record, including publication in high quality peer-reviewed journals/conferences
- Experience in supervision of research students, engagement with industry and attracting research funding
- A record of original research with publications in top international journals or, based on career stage, show exceptional promise in this regard
- Candidates should demonstrate excellent interpersonal and communication skills consistent with the highest quality of teaching and learning, together with evidence of successful teamwork and a collegial approach

Applications from persons with research interest/expertise in one or both of the following sub-topics of software engineering would be particularly welcome:

- Data Analytics / Machine Learning / Artificial Intelligence / Mathematical Modelling
- Information Analytics and Retrieval
- Human Computer Interaction in Software Engineering
- Security, Cryptography & Cyber Security
- Natural Standards Development and Implementation
- Software Testing

Mandatory Training

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

Salary Scales

Assistant Professor above bar: €54,163 - €86,182

Assistant Professor below bar: €40,604 - €55,820

* Appointment will be commensurate with qualifications and experience, and will be made on the appropriate point of the salary scale in line with current Government pay policy.

Closing date Friday 30 July 2021

Further information:

About DCU and benefits visit: Why work at DCU?

More information on the School, including specific areas of research expertise and details of taught programmes, may be found at:

https://www.computing.dcu.ie/

Informal Enquiries to:

Professor Martin Crane, Head of School of Computing,

E-mail: martin.crane@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 (External Candidates) website at http://www.dcu.ie/hr/vacancies/current.shtml

Applications should be submitted by e-mail to hr.applications@dcu.ie
Please clearly state the role that you are applying for in your application and email subject line: **Job Ref #ST1535 Assistant Professor in Computing (2 Posts)**

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