



Applications are invited from suitably qualified candidates for the following position

**Assistant Professor in Computing  
School of Computing  
Faculty of Engineering & Computing  
Five Year, Fixed Term and Permanent Contract**

**Dublin City University**

Dublin City University (DCU) 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', DCU is a values-based institution, committed to the delivery of impact for the public good. DCU was named Sunday Times Irish University of the Year 2021.

DCU is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. More than 18,000 students are 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 delivering a transformative student experience, and its positive social and economic impact. The university continues to develop innovative programmes in collaboration with industry, such as the DCU Futures suite of degrees, which are designed to equip graduates with the skills and knowledge required in a rapidly evolving economy.

DCU's pursuit of excellence has led to its current ranking among the top 2% of universities globally. It is also one of the world's Top Young Universities (QS Top 100 Under 50, Times Higher Top 150 Under 100). In the Times Higher Education University Impact Rankings 2021, DCU ranked 23rd in the world for its approach to widening participation in higher education and its ongoing commitment to eradicating poverty, while it ranks 38th globally for its work in reducing inequality and 89th globally for gender equality.

The university is ranked 23rd in the world and first in Ireland for its graduate employment rate, according to the 2020 QS Graduate Employability Rankings. Over the past decade, DCU has 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 B.Sc. in Data Science is the first of its kind in Ireland and is aimed at students who are interested in a career in A.I., data analytics and related data science roles. We also offer a range of innovative taught M.Sc. 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 levels. 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 a number of Assistant Professors in Computer Science to join its expanding team of talented academics. The ideal candidate would have a strong research track record in Computer Science or Software Engineering. The successful candidates will contribute to teaching, curriculum development and administrative activities in the School of Computing, across all levels. The appointees must have a demonstrated track record of teaching at B.Sc. (or higher) level and should also have an excellent research track record (including publication in high-quality peer-reviewed journals/conferences, engagement in the 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.

## **Principle Duties and Responsibilities**

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

## **Qualifications and Experience**

Applicants must hold an honours degree in a related discipline and must have completed a Doctoral qualification in Computer Science / Software Engineering / Data Science. The successful candidate should 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 candidates should have:

- An excellent research track record and trajectory, including publication in high-quality peer-reviewed journals/conferences.
- Proven expertise acting as principal investigator on funded research projects and evidence of providing leadership and research supervision to their research team. The expectation is that a successful candidate will attract R&D funding to fund their research. Therefore, candidates must

show clear plans to apply for major funding from current / future National & International programmes.

- A record of original research with publications in top international journals/conferences, or, based on career stage, shows exceptional promise in this regard.
- Excellent interpersonal and communicative 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 topics of Software Engineering / Computer Science are encouraged. In particular, applications from those with teaching and an impactful research track-record in one or more of the following would be particularly welcome:

- Machine Translation/ Natural Language Processing.
- Full-stack Development.
- Concurrent & Distributed Computing.
- Cyber Security.
- Machine Learning / Artificial Intelligence / Statistical Data Modelling.

### **Further information**

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/>

### **Essential Training**

The post holder 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:** Assistant Professor (Lecturer Above Bar) € 55,252- €88,547

\*Appointment will be commensurate with qualifications and experience and in line with current Government pay policy.

**Closing date:** Friday 5<sup>th</sup> August 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:**

Professor Martin Crane, Head of School of Computing, Dublin City University.

**E-mail:** [martin.crane@dcu.ie](mailto: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 website at <https://www.dcu.ie/hr/vacancies-current-vacancies-external-applicants> (external applicants)

Applications should be submitted by e-mail with your completed application form to [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie)

**Please clearly state the role that you are applying for in your application and email subject line:**  
**Job Ref #BC220535 Assistant Professor in Computing**

*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](#)*