Assistant Professor in Computing
School of Computing
Faculty of Engineering & Computing
5 Year Fixed Term Contract

Introduction

Dublin City University (www.dcu.ie) is a research-intensive, globally-engaged, dynamic institution that is distinguished by both the quality and impact of its graduates and its focus on the translation of knowledge into societal and economic benefit. DCU prepares its students well for success in life, and in the workplace, by providing a high-quality, rounded education appropriate to the challenges and opportunities of the 21st century. As Ireland’s University of Enterprise and Transformation, DCU is characterised by a focus on innovation and entrepreneurship and a track-record of effective engagement with the enterprise sector, including commercial, social and cultural enterprises. Excellence in its education and research activities has led to DCU’s consistent position in the rankings of the world’s top young universities. DCU has a strong track record in attracting both Irish and European Union funding under FP7, Horizon 2020, Marie Curie Actions and Erasmus. We offer a dynamic and internationally focused environment in which to advance your academic career.

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 Applications degree, the B.Sc. in Enterprise Computing and the BSc in Computational Problem Solving and Software Development, 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, supportive 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.

Qualifications & Experience

Applicants for the post must hold an honours degree and have completed a Doctoral qualification in a relevant field. The successful candidate should also have a minimum of three year's relevant postdoctoral experience, with a record of high quality university level teaching.

Duties & Responsibilities

Teaching and Learning
The successful candidate will be expected to contribute to teaching, curriculum development and administrative activities in the School of Computing, across all levels. Applications from persons with both a teaching interest/expertise in one or both of the following areas would be particularly welcome:

- Security
- Software Engineering

The appointees will be required to contribute directly to degree programmes through research-led teaching, supervision of laboratory sessions, student mentoring and supervision of student projects.

Specifically, the successful applicant will be required to (inter alia):

- Prepare, deliver and assess a range of core Computing subjects at undergraduate and postgraduate levels. This will extend to supporting innovation in teaching, transnational and digital provision of programmes, engaging with international travel and new technology as needed.
- Supervision of laboratory sessions, and student mentoring
- Supervising undergraduate and postgraduate projects
- Engaging with professional development for teaching
- Liaising with other module coordinators on course development and delivery, participation in the ongoing development of programmes

Research and Scholarship

- The successful candidate will be dedicated to high-quality research in high quality research activities (publications in high impact factor journals, and presentations at
international conferences) independently and in collaboration with one or more existing research groups/centres.

- Must have the potential to establish a self-directed research programme and attract research funding from competitive research funding schemes and/or industry
- Is expected to participate in research-related administration such as research student supervision, PhD thesis examination and related duties
- Contribute to the school, faculty, university and profession, for example:
  - in terms of strategic planning, quality review and improvement processes and external programme accreditations.
  - via involvement with appropriate professional institution(s) and associated initiatives.
  - developing and delivering the International Activities of the School of Computing, including international travel to do so.

**Service and Contribution to University and Society**

Undertake some administrative functions related to the activities of the School of Computing, Faculty of Engineering and Computing, and the wider university. Such duties will be defined by the Head of School and may include some of the following: degree programme coordination; participation in committees; visits to students on industrial placement within the DCU INTRA programme; student recruitment.

**Mandatory training:**

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