Faculty of Engineering and Computing

SCHOOL OF COMPUTING

Assistant Professors in Computing x 2

Fixed Term 5 Year Contracts

The School of Computing maintains teaching activities as central to our mission. We have three leading bachelor’s degree programmes: the BSc in Computer Applications, the BSc in Enterprise Computing, and a new BSc in Data Science, the first of its kind in Ireland. We also offer a range of innovative taught master’s programmes aimed at producing graduates with the professional and personal skills most sought-after in the Knowledge Economy.

The School is an active centre of research and innovation, with many domain pioneers among our staff and an excellent track record of attracting significant funding from Irish (e.g. Science Foundation Ireland) and international sources.

The School is a major stakeholder in two Irish SFI research centres, specifically: The Insight Centre for Data Analytics and the ADAPT Centre for Digital Content Technology, together employing a significant number of high-performing researchers. Furthermore, staff are significantly involved in a number of other research groups including Lero the Irish Software Research Centre and the ARC- SYM Advanced Research Computing for Complex Systems Modelling Centre.

The School provides a supportive environment for research, and its numerous PhD and MSc research students produce work of significance at both national and international level.

The School is home to three centres for doctoral research training in:
- Artificial Intelligence
- Machine Learning
- Digitally Enhanced Realities

With close industry links 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.

Full information about the School can be obtained from its website: computing.dcu.ie

The Post:
The School of Computing is seeking up to two posts at the rank of Assistant Professor to join its expanding team of academics.

The successful candidates will be expected to contribute to teaching, curriculum development and administrative activities in the School of Computing, across all levels.
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.
  ▪ Liaising with other module coordinators on course development and delivery and participation in the ongoing development of programmes.
  ▪ Engaging with professional development for teaching.

• Engagement in high quality research activities (publications in high impact factor journals, and presentations at international conferences) independently and in association with one or more existing research groups/centres.

  ▪ Must have the potential to establish an independent 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.

• 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 post holder will be required to undertake the following mandatory compliance training: GDPR and compliance. Other training may need to be undertaken when required.

**Person Specification:**
Applicants for the posts must hold an honours degree and have completed a Doctoral qualification in a relevant field. The successful candidates should also have a minimum of three years’ relevant postdoctoral experience, with a record of high quality university-level teaching.
The successful candidates will have a research track record, including publication in high quality peer-reviewed journals/conferences, engagement in supervision of research students, attracting research funding.
Applications from individuals with both research and teaching interest/expertise in one or more of the following areas are invited:

- Security in software or systems
- Cryptography
- Cyber Security (Blockchain Technologies in particular)

**Salary Scale:**

Lecturer above bar: €53,101 - €88,492  
Lecturer below bar: €39,808 - €54,725

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

**Closing date:** Monday 25th November 2019

**Informal enquiries to:** Professor Alan Smeaton, Interim Head of School of Computing, Dublin City University, Dublin 9, Ireland  
E-mail: alan.smeaton@dcu.ie  
Tel: +353 (0)1 700 5262  
Website: [http://www.computing.dcu.ie](http://www.computing.dcu.ie)  

*Please do not send applications to this email address, instead apply as described in the job advert.*