



December 2020

Applications are invited from suitably qualified candidates for the following position

**Assistant Professor in Computing
School of Computing
Faculty of Engineering and Computing
Fixed Term Three Year Contract**

Introduction

Dublin City University (www.dcu.ie) is a young, dynamic and ambitious University with a distinctive mission to transform lives and societies through education, research and innovation. We are a research-intensive, globally-engaged institution, distinguished by both the quality and impact of our graduates, and focus on the translation of knowledge into societal and economic benefit. Excellence in education and research activities has led to DCU's consistent presence in the rankings of the world's top young universities.

Over its relatively short history has developed a strong reputation nationally and internationally for pioneering innovations in higher education. The university is embarking on a period of significant investment in learning innovation across all of its Faculties. This initiative will help us transform the learning experience of undergraduate students at DCU, reconceptualizing learning opportunities, creating authentic connections between the classroom and enterprise, and embedding digital literacies, disciplinary competencies and transversal skills required to truly future-proof our graduates for the rapidly changing workplace. DCU is joined in this project by a strong consortium of enterprise partners, representing key employment sectors in the Irish economy and with a strong presence in DCU's primary catchment area. This programme of innovation is funded under the Irish Government's Human Capital Initiative (HCI) supported by the National Training Fund. It will deliver on the ambitions we have to reimagine undergraduate curricula and to embed innovative pedagogies, enhanced use of technology and deep industry engagement.

School of Computing

This post is in the DCU School of Computing (<http://www.computing.dcu.ie>), which has earned a strong reputation for excellence in research and in teaching at undergraduate and postgraduate level since its foundation forty years ago. A key element of its innovative approach is to anticipate new directions in computing, and it has programmes in Data Science, Data Analytics, Software Engineering, Artificial Intelligence, Cloud Computing as well as Enterprise Computing. The School meets the challenge of a fast-changing technology through strategic development of our portfolio of teaching and research. The School, home to a large number of PhD students, is an active centre of research and innovation. It offers a dynamic and internationally-focused environment in which the chosen candidate can advance their academic career. Members of staff have collaborative links with a range of national and international research centres. In addition to ADAPT, the School is a major stakeholder in another Irish SFI Research Centre, specifically: the Insight Centre for Data Analytics. Furthermore,

staff are significantly involved in a number of other research groups including Lero the Irish Software Research Centre.

Relationships

The position will report to the Head of School and work closely with other colleagues, the Teaching Convenor/Associate Dean of Teaching and Learning and industry partners. Building positive relationships with professional support staff and technical and pedagogy specialists and engagement with key stakeholders within and outside of DCU is an important part of this role.

The Role

The appointee will be expected to support the School, in partnership with the Faculty of Humanities & Social Sciences and Faculty of Science and Health, in implementing an innovative curriculum project, specifically:

- developing and delivering a new bachelors programme in Psychology & Disruptive Technologies, and new specialisms in Chemistry and AI, Physics and Data Analysis ensuring an industry engaged, research-led approach, integration of challenge based learning, digital tools and hybrid delivery.
- broader implementation of teaching approaches into other target programmes in the school, and
- engaging with university-wide elements of the initiative including cross faculty cooperation, project evaluation and reporting.

The role includes teaching, supervision of laboratory sessions, student mentoring and supervision of taught projects and research.

Duties & Responsibilities

Please see job description for full list of duties and responsibilities.

Applicant Requirements

- Applicants must hold an honours degree in a relevant discipline, and should be qualified to a post-graduate level with a PhD specialism in Computing, or a related discipline.
- The successful candidates should ideally have a minimum of three years' relevant post-doctoral experience.
- Applicants must have demonstrated teaching experience at undergraduate and/or postgraduate level, ideally including experience in innovative pedagogies and/or assessments, international and/or online or technology-assisted teaching. They ideally should hold a formal qualification in education.
- Applications are specifically invited from those with strong research credentials and publication record, particularly in one or more of the following research areas: personal data analytics, user modelling, digital pedagogy and comparative experimental science.
- The successful applicants will also have demonstrated potential to establish an independent research programme and attract research funding from competitive research funding schemes and/or industry.
- 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

Mandatory Training

The post holder will be required to undertake the following mandatory compliance training: GDPR, Orientation, and Compliance.

Salary Scale: Assistant Professor (Above Bar) *€54,163 - €86,182

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

Closing Date: Wednesday 20th January 2021

Further Information

More information on the School of Computing and its programmes can be found at: www.dcu.ie/computing.

Informal enquiries to: Professor Martin Crane Head of School of Computing, Dublin City University, Dublin 9. Email martin.crane@dcu.ie

Do not send applications to this address. Instead, apply using the procedure set out below.

Application Procedure: Application forms are available from the DCU Current Vacancies website at <https://www.dcu.ie/hr/vacancies/current.shtml>

Applications must 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 #BC0611 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](#)

HR, December 2020