



Applications are invited from suitably qualified candidates for the following position

**Systems Administrator
Adapt Centre
Professional 4
Fixed Term Contract up to December 2025**

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.

ADAPT

ADAPT is the world-leading SFI research centre for AI Driven Digital Content Technology, coordinated by Trinity College Dublin and based within Dublin City University, University College Dublin, Technological University Dublin, Maynooth University, Munster Technological University, Athlone Institute of

Technology, and the National University of Ireland Galway. ADAPT's research vision is to pioneer new forms of proactive, scalable, and integrated AI-driven Digital Content Technology that empower individuals and society to engage in digital experiences with control, inclusion, and accountability with the long term goal of a balanced digital society by 2030. ADAPT is pioneering new Human Centric AI techniques and technologies including personalisation, natural language processing, data analytics, intelligent machine translation, human-computer interaction, as well as setting the standards for data governance, privacy and ethics for digital content.

Role Profile

The ADAPT Centre is seeking to appoint an early career Systems Administrator. This position is mainly based in DCU and is open to university graduates along with experienced candidates. The System Administrator (SA) will be responsible for effective installation, configuration and maintenance of our IT infrastructure. The infrastructure includes two High Performance Computing clusters, one Virtual Machine cluster and one Docker cluster, hosted in our data centres in TCD (Trinity College Dublin) and DCU (Dublin City University). The infrastructure runs GNU/Linux, mostly Debian. The SA will ensure that these systems are maintained to a high level, are reliable, secure and deliver the required performance. The SA will also provide user assistance to our researchers and help them to use our infrastructure optimally. Finally, the SA will report to the Senior Systems Administrator. The SA will have the opportunity to develop in-demand skills in today's trending IT technologies (VMs, HPC, Docker, Kubernetes, Ceph, etc.)

Duties and Responsibilities

- Maintain a state-of-the art IT infrastructure, including Virtual Machines and High Performance Computing (mostly based on Debian) across multiple institutions.
- Based in DCU, the successful candidate will assist our infrastructure and users in DCU & TCD, remotely and on-site when required.
- Work independently on assigned support tickets and maintenance tasks.
- Resolve assigned technical queries and assistance requests from our users ranging from day-to-day to more complex situations.
- Monitor our infrastructure and perform correcting actions when alerts or warnings are received.
- Activate and manage user accounts for over 300 ADAPT members, providing expert assistance and guidance in related to the Google Suite platform.
- Familiarise and develop skills for a range of technologies used in the ADAPT Centre eg Docker, Git, OpenNebula, Ceph, HAproxy, Salt.
- Provide training to ADAPT researchers to enable them to use our infrastructure optimally.
- Monitor the performance of servers, software and hardware.
- Ensure the smooth deployment of new applications.
- Configuring internal systems.
- Diagnosing and troubleshooting technical issues.

Skills & Qualifications

Essential Criteria

- Candidates must have a Primary Degree or equivalent (NFQ Level 7) in a relevant discipline.

Ideally candidates will also have:

- 3 years' appropriate experience in a similar role/environment.
- The Ability to work independently.
- A personable, friendly approach to all interactions with end-users and fellow team members.
- Familiarity and/or experience with GNU/Linux.
- Willingness to quickly acquire practical knowledge on state-of-the-art IT technologies.
- Capable of explaining complicated processes and practices to new users clearly and patiently.
- Excellent written and oral proficiency in English (essential), good communication both written and verbal.
- Knowledge/experience of the following technologies are a bonus: Docker, Git, OpenNebula, Ceph, HAproxy, Salt.

The individual 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.