



Applications are invited from suitably qualified candidates for the following position:

**Senior Systems Administrator
Analyst Programmer III
School of Computing
Faculty of Engineering & Computing
Permanent Contract**

Dublin City University

Dublin City University (DCU) is a leading innovative European University. It is proud to be one of the world's leading Young Universities and is among the world's top 2% globally. DCU is known as Ireland's University of Impact, with a mission to 'transform lives and societies' and focuses on addressing global challenges in collaboration with key national and international partners and stakeholders.

DCU has over 20,000 students in five faculties spread across three academic campuses in the Glasnevin-Drumcondra area of North Dublin. Thanks to its innovative approach to teaching and learning, the University offers a 'transformative student experience' that helps to develop highly sought-after graduates. DCU is currently No. 1 in Ireland for Graduate Employment Rate, and for graduate income (CSO).

DCU is a research-intensive University and is home to a number of SFI-funded Research Centres. The University participates in a range of European and international research partnerships. DCU is also the leading Irish university in the area of technology transfer as reflected by licensing of intellectual property.

As a 'People First' institution, DCU is committed to Equality, Diversity and Inclusion - a University that helps staff and students to thrive. The University is a leader in terms of its work to increase access to education and is placed in the world's Top 10 for reducing inequalities in the Times Higher Education Impact Rankings.

The 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 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 in DCU is currently recruiting a Senior Systems Administrator to support its IT infrastructure and service delivery. Reporting to the Head of School, this is an important IT role and is critical to the effective delivery of the schools' strategic goals across all activities, including teaching, research and industry engagement.

The successful candidate will play a leadership role as part of the School's IT Team, directing and mentoring other team members as well as undertaking substantial aspects of the work themselves.

The majority of the schools IT services run on a virtualized private cloud, running VSphere with multicore hosts and large storage array networks. The private cloud is dual located and designed for resilience, redundancy and high availability.

Principal Duties and Responsibilities

The duties and responsibilities of the position include, but are not restricted to, the following:

- Responsibility for systems administration of the Private Cloud as well as several of the virtual Linux servers running on it to provide network, Web, Authentication, SSH and Docker services to staff & students.
- Ensuring a secure, consistent, resilient and efficient delivery of IT services.
- Contribute to the IT infrastructure strategy for the School and take a lead role in strategy planning to meet the present and future teaching and research needs of the school.
- Participate in IT security and risk assessment and implementation in line with central DCU security policies, procedures and staff.
- Fielding of high-level technical inquiries from staff and research centres and liaising with research centre operations staff on provision of IT services.

Note: The above list of duties is not exhaustive and is subject to change. The post holder may be required to undertake other duties within the scope and grading of the post.

Qualifications, Skills and Experience Required

Applicants must hold a Primary Degree and/or post-graduate degree (Master's Degree level or equivalent) in Information Technology, Computer Science or other relevant field. The successful candidates should ideally have a minimum of 6+ years' experience in IT systems administration, design and deployment as well as the following:

- Experience in a multiplatform Linux environment with a strong knowledge of operating systems administration and security
- Excellent communication skills, including ability to communicate, influence and liaise with staff at all levels of the organisation.

The Ideal candidate will also have the following experience and Technical Competencies:

- Familiarity with cloud and virtualisation platforms including vCentre, Azure and AWS.
- Good knowledge networking protocols and applications including DNS, DHCP, HTTPS, SSH, LDAP, NFS.
- Working knowledge of OpenLDAP for authentication and account management.
- Experience with managing and configuring Apache and MySQL servers.
- Automation of system processes via scripting e.g. Bash, Python, Perl, Ansibel.
- Experience with building and deploying Docker containers.
- Implementing local and network firewall policies/rules to restrict and secure access.
- An understanding of monitoring and alert management systems.
- Provisioning of a safe, secure and reliable computer-based exam environment across multiple computer desktop laboratories.

Essential Training

The postholder will be required to undertake the following essential compliance training: Orientation, Health & Safety, Data Protection (GDPR) and all Cyber Security Awareness Training. They will also be expected to engage with DCU training on Gender, Equality, Diversity and Inclusion. Other training may need to be undertaken when required.

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](#)