



Network Operations Technician

Collaboratory at TU Dublin is a new Industry Solutions Hub located at the Blanchardstown Campus of Technological University Dublin. Collaboratory at TU Dublin will prepare industry to address the threat that emerges when AI and IoT advancements are vulnerable to or are threatened by cybercrime. As technology advancements result in new ways of doing business, industry of all scales will increasingly look to AI and IoT to drive efficiencies. Concomitant with progress in these two areas will be the absolute necessity to provide wraparound expertise in Cyber Security.

Job description

Collaboratory has a vacancy for a **Network Operations Technician** to join its growing team. The successful candidate will help establish and maintain Collaboratory's suite of technical facilities, to include an industry-scale training SOC, industrial maker-space and an AI lab. The role represents an opportunity for an individual to be a key staff member in a high-potential growth environment.

The successful candidate will need to be able to manage several work streams at once and contribute to all facets and functions of Collaboratory during its first three years of activity as the newest industry-facing solutions initiative in TU Dublin. The candidate will report to the Collaboratory Manager.

This role would ideally suit an individual who is looking to build on their technical knowledge and ability to broaden their skillset and experience to incorporate R&D project design and consultancy support. As a key member of Collaboratory's team, the successful candidate will have a hands-on role determining the future direction of the hub.

Role requirements

- Management and deployment of network and server infrastructure for Collaboratory.
- Provision of technical project support to Collaboratory's research & innovation team.
- Planning, management and maintenance of ICT projects arising from new partnerships and projects.
- Scheduling access to Collaboratory's suite of technical facilities.
- Provision of onsite support to clients and partners who are accessing Collaboratory's technical facilities.

- To undertake such other duties as may be assigned from time to time by the Collaboratory Manager.

Essential Qualifications, Skills & Experience

- Strong technical skills in network design, configuration and security.
- Network Skills (Switching/Routing/Firewall).
- Experience of Server Management (Hardware and Software).
- Virtualisation skills using OpenStack (or similar).
- Experience in administration of Linux servers.
- Experience with provisioning software such as Ansible and Terraform
- Ability to implement backup, disaster recovery and preventive maintenance.
- Ability to write technical documentation.

Desirable Qualifications, Skills & Experience

- Experience of Security Information and Event Management (SIEM) technology.
- Knowledge of OpenStack.
- Knowledge of Docker.
- Experience working with Git and Gitlab/Github.
- Knowledge/experience of Cyber Security.
- Experience of working in a SOC environment.

Abilities

- Excellent management, organisation, analytical and problem-solving skills with high attention to detail.
- Ability to build and sustain positive, trusting relationships, and to motivate and empower others.
- Self-motivated, with the ability to work on own initiative, handle multiple priorities and contribute to high quality services.
- Excellent communication skills, verbal and written, with the ability to represent Collaboratory and TU Dublin with external stakeholders.

Terms: This is a role with Collaboratory (CLG), and not directly with TU Dublin. Collaboratory is wholly owned by TU Dublin.

Contract length: 12 months, part-time, three days per week

Application deadline: 5pm Friday 21/10/22

Applications: Interested candidates should submit a cover letter and CV to collaboratory@tudublin.ie by 5pm on 21/10/22.