

# Quality Assurance Tester

## Overview

Lumacron Technology delivers world-class solutions to the optical communications marketplace. We're expanding our European Headquarters, so we're seeking a Quality Assurance Test Engineer to support R&D activities.

Reporting to the Software Team Lead, candidates will be responsible for the design, verification and implementation of a set of test suites across the software sub-systems within Lumacron's flagship network monitoring products. The role will be to proactively lead the QA and Software Tests for functional, non-functional, system, performance, regression and security elements. The successful candidate will predominantly work on a manual testing basis but may have the opportunity to get involved in some Automation work and will play a crucial role in identifying and reporting defects and working closely with peers in the software, firmware and hardware teams to resolve issues helping ensure product quality throughout the software development lifecycle.

## Role Requirements (new graduates may reference relevant course content)

- Qualified to degree level in Computer Science, Engineering or equivalent discipline or experience
- Collaboration with developers to develop effective strategies and test plans
- Detect, track, and verify software defects and inconsistencies
- Execute test cases (manual or automated) and analyze results
- Strong knowledge of software QA methodologies, tools, and processes
- Stay up-to-date with new testing tools and test strategies
- Knowledge of Jenkins and automated test tools/methodologies
- Strong analytical and problem-solving skills
- Excellent communication skills
- Ability to comply with the UK GOV National Security Vetting Procedures (see link below)  
<https://www.gov.uk/government/organisations/united-kingdom-security-vetting>

## Additional Beneficial Skills

- Technical knowledge in at least one of the following: C, C++, C#, Java
- Experience in cross-platform test development for Windows and Linux
- Experience of testing Open Source Linux-based embedded products
- Experience testing software / embedded software for FPGA-based hardware systems
- Specific experience of Telecommunication/Data Communication hardware products
- Knowledge of Telecoms Framing and Packet structures (OTN, SONET/SDH, PDH, Ethernet)
- Knowledge of VHDL or Verilog
- Familiarity with REST APIs / OPEN API

## Other Info

- Package: Competitive salary, optional pre-tax pension contribution, flextime, 28 days paid holiday (plus statutory holidays), performance-related bonus scheme
- Primary Location: 4 Pitreavie Court, Pitreavie Business Park, Dunfermline, Fife, KY11 8UU, Scotland, UK. Moving in Summer 2023 to Edinburgh Park, West Edinburgh.

## How to Apply

- CV and short covering letter to [careers@lumacron.com](mailto:careers@lumacron.com). Informal enquiries welcome via the same address.