

# Hardware Engineer

## Overview

Lumacron Technology Ltd. is a rapidly expanding, innovative product company serving a worldwide customer base in the optical communications marketplace. Reporting to the Chief of Engineering, the candidate will be part of a highly skilled team delivering products to the telecom/datacom monitoring, test/measurement and transport segments. A self-starter who can work with minimal supervision, the candidate will be part of the team responsible for the development of new FPGA centric products in close collaboration with our VHDL designers.

We pride ourselves on being a small and agile team, moving fast to produce high quality products.

## Role Requirements

- Understand the requirements for new electronics (or enhancements).
- Component selection.
- Draw schematic diagrams using Cadence Orcad.
- Actively engaging in peer reviews.
- Work closely with the other engineers in the team.
- PCB layout of the electronics using Cadence Allegro.
- Design verification of new cards and systems using a range of standard lab equipment (multi-meters, oscilloscopes etc).
- Work with operations engineers to release detailed design packs to manufacturing.
- Working with manufacturing and software engineers to help develop production test solutions.

## Essential Skills and Experience

- Qualified to degree level in Electronic Engineering or equivalent discipline.
- Ideally some years of relevant work experience.
- An enthusiasm to learn new skills.
- An understanding of FPGA architectures.
- An understanding of processors and different memory systems.
- Ability to work to tight timescales, individually and collaboratively.
- Ability to follow and enhance design processes.
- Ability to comply with the UK GOV National Security Vetting Procedures (see link below);
  - <https://www.gov.uk/security-vetting-and-clearance#page-navigation>

## Additional Beneficial Skills

- Schematic capture and PCB layout experience (ideally using Cadence toolset).
- Understanding of power supply design.
- Understanding of signal integrity for high-speed digital design.

## Other Info

- Package: Competitive salary, optional pre-tax pension contribution, flextime, 25 days paid holiday (plus statutory holidays), performance-related bonus scheme.
- Primary Location: 4 Pitreavie Court, Pitreavie Business Park, Dunfermline, Fife, KY11 8UU, Scotland, UK.

## How to Apply

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