

Software Developers (All Levels)

Overview

Lumacron Technology delivers world-class solutions to the optical communications marketplace. We're expanding our European Headquarters and opening a new regional hub in North America, so we're seeking talented Software Developers at all levels to support R&D activities at both locations.

Reporting to the Software Team Lead, candidates will be responsible for the architecture, design and verification of software sub-systems within Lumacron's flagship network monitoring products. The role is multi-disciplinary and includes development of low-level embedded drivers, application programming interface (API) software and graphical user interface (GUI) software, collaborating with peer design teams in hardware and firmware. Senior roles may include mentoring of less experienced colleagues.

Role Requirements (new graduates may reference relevant course content)

- Qualified to degree level in Computer Science, Engineering or equivalent discipline.
- Solid understanding of object-oriented languages and design principles.
- Experience of entire software design lifecycle.
- Strong technical knowledge in at least one of the following: C, C ++, C#, Visual Basic, Java.
- Experience in cross-platform development for Windows and Linux.
- Experience of creating custom Linux-based systems for embedded products
- Solid understanding of scripting and build automation using Python, TCL, Ruby or equivalent.
- Knowledge of web development technologies: Javascript, CSS, PHP.
- Knowledge of revision control and configuration management; CVS, Subversion GIT or similar.
- Experience with Visual Studio, Eclipse, Qt or similar IDEs.
- 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

- Experience architecting 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/experience of VHDL or Verilog.
- Familiarity with REST APIs / OPEN API.

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. Informal enquiries welcome via the same address.