



Senior / Principal Development Engineer: Electrical bias

Based in West Lothian, **Kaiam** is an emerging market leader in the research, development and manufacturing of optoelectronic equipment used within data-communication centres and the telecommunications industry. Founded by leading technologists from the optical networking industry, the team has a track record of delivering breakthrough approaches that change the rules of the marketplace.

To support our continued growth, we are recruiting for a **Senior / Principal Engineer**, reporting to the Test Engineering Manager. In this senior role, you will take the lead on design, development and prototyping leading-edge products, and ultimately seeing them through to successful mass manufacture as part of the wider team.

This is a key hire for the Livingston site. We are looking for a senior experienced developer with a demonstratable track record of complex product success. The right person will be an excellent cross-disciplinary team player, comfortable doing detailed design one minute, or fixing urgent product issues the next. As such, we are seeking someone with a minimum of 5, and ideally 10 years of experience, with a flexible and practical mindset who can drive success. If you want to stay at your desk all the time working individually, this is not the role for you. If you want to stretch yourself and take on a challenge in a successful team, and think there's lots you could teach us, we'd like to hear from you.

Education and background

- BSc/PhD Physical Sciences / Electrical and Electronic Engineering / Mechatronics or similar
- Minimum 5 years, ideally 10 years of directly-applicable experience
- Taking products from conception through to mass manufacture

Key experience:

- High speed mixed signal circuit design, schematic capture, simulation and physical layout, including signal integrity and EMC
- Hands on practical board sourcing, bring up and system characterisation using tools such as Digital Communication Analysers, Vector Network Analyser, etc.
- PCB assembly supplier qualification and support
- IC verification and down selection, ideally with microcontrollers, CDRs, TIAs, laser drivers, etc.



- Firmware and software development, debug and deployment
- Understanding at a wider system level, including BER, OMA, link margin, modulation schemes, link simulation, etc.

In exchange, we offer a competitive salary (based on experience), life cover, pension, cycle to work scheme and generous holidays.

Kaiam always strives for excellence so if you can bring us relevant qualifications and experience to help us achieve this then we would like to hear from you. We are looking for employees with talent and potential, so if you're upbeat and motivated why not join us and be part of something exceptional?

If you feel you can successfully fulfil this role, please apply by sending your CV to: recruitment_uk@kaiamcorp.com