Summer Student Opportunity

New simulation of laser diode

Sharp Laboratories of Europe develops world class state-of-the-art technology solutions for a number of Sharp businesses including displays and devices. We are expanding our activities in laser diode designs.

We are offering a summer placement to a 2nd or 3rd year student to work on the development of a new laser diode simulation capability alongside an expert researcher in the field.

Your responsibilities will be to develop new simulation capability for semiconductor laser diodes based on a commercial simulation platform. The project will focus on electrical and optical properties of multi-mode lasing and you will be involved in selecting and evaluating the physics models to enable good reproduction of real world devices.

We are seeking an individual who:

- Is currently studying Physics, Electronic Engineering or Computer Science in their 2nd or 3rd year. Recent graduates may also be considered
- Has an analytical approach to problem solving
- Is interested and has some experience with coding
- Has previously studied optics or solid state light emitting devices (desirable)
- Is diligent and has an ability to work independently

The post is for a period of 8 weeks beginning anytime from mid-June 2017.

Applicants should send their CV and covering letter to Alex Yudin at jobs@sharp.co.uk quoting reference SLE/AY.2504.