

Graduate Opportunity R&D MCAD Engineer

Paignton

Salary: Circa. £25,000

▪ The role:

Oclaro, is seeking a Research and Development MCAD Engineer to provide Physical Electro/Mechanical design support of photonic components to the R&D team in their development of packaged transmitters and receivers for high bit rate optical communication systems. You will be responsible for mechanical design of packaged components from concept through to manufacture, which will include thermal modelling, stress analysis, documentation of designs using Solidworks and Mentor Graphics, plus a selection of other CAD and PDM tools. You would be working closely with the product R&D team and contribute to the development of new packaged optoelectronic components for optical transmission systems.

▪ The person:

You will be a graduate with an honours degree in physics, optics, electronics or an equivalent discipline. The highly motivated individual will be hard working with experience of working in mechanical design experience and practical knowledge of:

- CAD
- Thermal Stress Simulation
- Optical Components, design and performance
- Manufacturing processes for optoelectrical devices
- Material Science
- Design for manufacture
- PCB Design

The ideal candidate will be capable of working within a team environment, possess innovative problem solving skills and have the tenacity and determination to make a significant contribution to the organisation. A positive attitude to work and high attention to detail are a must, along with excellent interpersonal and communication skills and the ability to manage and prioritise time.

The candidate must be willing to undertake occasional travel to other Oclaro sites that may be required.

▪ The company:

Oclaro, Inc. is one of the world's largest suppliers of optical components, modules and subsystems for the global optical communications market and into industrial and consumer laser applications. Through in-house development and a series of strategic acquisitions and mergers, the company maintains one of the most extensive and vertically-integrated product portfolios in the fibre optics industry

▪ To apply:

Please submit your CV and a cover letter highlighting your suitability for this graduate opportunity to anita.johnston@oclaro.com.