

Job title : Graduate Technical Computing Engineer
Department : Advanced Optronics
Remuneration : £27,778
Type of Contract: Permanent

Location : St Asaph
Reports to : Head of Engineering (AO)
Hours of Work : 36 hours per week (Days)
Closing date for applications : 11th May 2018

Job Outline:

A unique opportunity now exists for a highly motivated, creative and versatile individual to join our team of technical computing engineers. In this role you will be responsible for the design and maintenance of a suite of in-house engineering software. The role also includes installation and administration of a wide range of commercially available software packages to support our design engineering team.

Successful Applicants will be involved in all stages of the software development process for bespoke applications. This will include capturing the user requirements, creating mathematical models of physical processes and implementing a software solution for the end user. Typical applications include lens design, thin film coating design, test equipment control, CNC interfacing and measurement analysis.

Key Responsibilities:

The main duties with this position will include:

- Designing, documenting and maintaining in-house engineering software
- Developing mathematical models of physical processes
- Liaising with our information technology department on systems issues pertaining to engineering
- Maintaining bought-out engineering software and configuration control tools
- The specification and configuration of new PC hardware for engineering users

Personal Specification:

It is essential that all candidates have the following:

- Experience in software development
- Excellent understanding of physics and mathematics
- Knowledge of Windows and computer hardware
- Good written and verbal communication skills

Candidates will require as a minimum a good degree in Physics (or related mathematics or engineering discipline). The successful applicant must have experience of developing software in a high level programming language (e.g. C#, VB.NET, C/C++, FORTRAN or Java).

A training and development plan will be created specifically for the successful applicant to enable them to deliver solutions of the highest standard.

How to Apply:

Please ensure you complete a “Qioptiq Limited Application for Employment Form” in full. This form can be downloaded from the careers section of the Qioptiq website: www.qioptiq.com/careers.

You are also encouraged to support the application form with a cover letter and CV. Applications may be returned via email to Lucy.Morrell@UK.qioptiq.com, or by post to Lucy Morrell, Human Resources Department, Qioptiq Ltd., Glascoed Road, St. Asaph, Denbighshire, LL17 0LL, UK.

Application forms must be *received* by Qioptiq Limited by the specified vacancy closing date.