

JOB SPECIFICATION

Position: Control Systems and Software Engineer:

Background

Oxford Technologies Ltd is a recognised world leader in the area of remote handling for hostile environments and in support of continued strong growth seeks to enhance its core team with the appointment of a Engineer for Control Systems and Software.

The company delivers services and bespoke products to clients engaged in the application of remote handling to hostile environments, in particular in Nuclear Fusion, Nuclear Plant Decommissioning and High Energy Physics experiments.

The company is staffed by experienced and highly qualified professional engineers and has a reputation for delivery of results at the highest level of integrity and quality.

The company organisation and culture is designed to ensure that good quality engineers are able to develop and be rewarded for their engineering expertise at all stages of their career. We ensure that all engineering staff are able to practise engineering at all levels up to and including Director.

Duties and Responsibilities:

The Controls and Software Engineer will report directly to and work under the guidance of the Lead Electrical, Control & Software Engineer in delivering solutions and developing a strong corporate capability in the area of Control Systems and its associated Software.

The appointee will be expected to derive and deliver solutions for client remote handling applications over the full life cycle from requirements specification through design, implementation and development to manufacture, integration, commissioning, delivery and operation.

The appointee will be expected to manage projects and systems as a Responsible Officer.

The appointee will also participate in tendering for and also delivery of remote handling related projects to clients as part of the designated project teams.

Qualifications and Experience:

The following are the minimum requirements:-

- 2:1 or 1st Class Honours degree in Control Systems engineering or related field
- Minimum of 2 years experience of designing and developing control system software and hardware in application areas, ideally with significant regulatory controls e.g. nuclear, space, medical
- Strong programming skills in C and C++, including design and implementation of real-time control systems
- Understanding of robotic systems, including actuator and sensor technologies, system tuning and commissioning, as well as mathematical methodologies applicable in robotics
- Proven ability to deliver and make presentations to large corporate clients
- Proven ability to co-operate and work as a part of a team
- An excellent working knowledge of English

Experience in any of the following will be beneficial:-

- Experience with real-time operating systems: VxWorks, OS-9 and RT Linux
- Design and practical implementation of Graphical User Interfaces (under MS Windows)
- Design and practical implementation of electro-mechanical control systems
- Domain administration on MS Windows domain

Salary and Benefits

The position will be filled at the Graduate career grade depending on qualifications and experience with a starting salary in the range £28,261 to £32,430 at (review in April 2012).

Additional benefits include, 33 days annual leave, 5% employer's contribution to Stakeholder Pension scheme, company share ownership scheme, annual private medical, professional institution fees paid.

Start Date:

This post is available from 1st March 2012.