

Embedded Software Engineer Vacancy April 2016

Job Specification:

Salary:

circa £30,000, depending on career to date.

Qualifications:

Degree level Qualification in Engineering or related discipline.

Key Skills:

- Embedded C Programming
- Advising on the selection of new Processors and architectures.
- GUI design and Development
- Documentation Skills
- Analogue and Digital Hardware Design Knowledge
- Interpersonal skills, interacting with colleagues and customers.

Key Responsibilities:

- Maintaining and Developing existing products
- Support development of new products.
- Support selection of embedded processors and choice of programming languages/tools.
- Assist the management of Version Control tools.
- Writing documentation for existing and new software (e.g. New Products, specifications, user manuals etc.)
- Supporting all aspects of new product design and development process.
- Assisting Service Team with Fault diagnosis.

Desirable Experience:

- Experience of the Marine Environment
- Knowledge of PLC System Design.
- Knowledge of Monitoring and industrial Alarm products
- Knowledge of safety Critical Systems.

Additional Opportunities:

- Work with service team to support customers in the field.
- Work with senior engineers on new product R&D.

The Company

Radamec Control Systems Ltd is a well-established small UK business with over 50 years' experience in the marine control systems market (propulsion control, Alarm / monitoring and control). Designing, manufacturing and servicing all classes of marine craft. The environmental division is a major supplier of diesel engine emissions monitoring systems compliant to VOSA standards for MOT testing. RCS engineers are targeted to develop the next generation of integrated Marine control products and to exploit opportunities in the environmental market.

The Candidate

Software & Electronics Engineer with 2 years' experience in the industry to join the RCS engineering team as a strong contributor to the new developments programme. The successful candidate will be an all-rounder, self-starter with good academic results and sound knowledge and interest in software development, electronic hardware skills will be a positive advantage.

The Role

The duties of the software engineer will primarily be Programming for both Embedded systems and GUI's for windows and android OS' with some hardware design of microprocessor controlled circuits including PCB design (as appropriate to the application and candidate experience); Test and Verification; Production & Customer Support.