



Embedded Software Engineer - Permanent

Requirement for an additional software engineer to work within a multi-disciplined engineering team, consisting of mechanical, electronic and firmware engineers.

Pektron designs and manufactures a wide range of products for Gas, Automotive, Safety and Consumer industries and typical systems are: Vehicle Body Controllers, Immobilisers, Alarms, Telematics, Display, Gas Controls, Driveline and Transmission Control.

This is an excellent opportunity for someone to work on interesting and varied projects, who will specify tools, requirements and drive the software discipline within the company. This role involves every aspect of the product lifecycle from quotations, conception and design through to manufacture.

Experience Required

Embedded control systems
Programming Language C
Highly Developed Documentation Skills
Version Control
Static Analysis / Code Metrics
Microprocessors 8,16 & 32 bit
Low Level Drivers For External Hardware / CPU Peripherals
Highly developed structured approach to design
Real Time Control
Use Of Volcano or Vector Vehicle Networking Tools
5+ Years of Design in a Commercial Environment

Essential Attributes

Self managing
Highly motivated
Customer facing
Good Technical Writing Experience
Willingness to work to existing software design ethics and style
Full Driving Licence (You could be working on vehicle systems!)
Willingness to travel, some customers are based in US / Eu

Additional Experience That Would Be An Advantage

Programming Languages: Windows Programming WinCE/XP/98 (Visual Basic, C++), Assembler
Simple Electronic Design: Analogue / Digital
Schematic Capture
Control of Graphic Displays
Communications Protocols: CAN, Profibus, KWP2000, IP
Modelling experience using UML, Matlab, Simulink or Targetlink.



Interview Stages

Telephone Conversation

A general chat to see if the candidate and Pektron have a good fit in terms of project work and design ethic.

First Interview

Candidates who come for an interview must bring some evidence of project work undertaken, e.g. Specs, Circuits, Listings, Photos etc. These will only be looked at and will be used to gauge the whether or not they fit in with the scope of work for the role.

Depending on the type of job applied for, a software or hardware test to look if basic skills are adequate. A tour around the company and introduction to Pektrons product ranges.

Second Interview

Meet a director and a general chat about the way Pektron operates internally and a factory tour.

General

Working hours 8:30am – 5:00pm Mon -Thu, 8:30am – 4:00pm Friday, 1/2 hour lunch breaks, 39 hours per week. 25 Days holiday per year (some kept for Christmas shutdown, generally 2 – 4 days).

Company will match 2% of salary paid into a stakeholder pension scheme.

Medical Cover (Currently Bupa)

Apply With CV To:

Guy Wilkinson

Engineering Manager

+44 1332 832424 Ext 334

gwilkinson@pektron.co.uk

Pektron Group Ltd

Alfreton Road, Derby

Derbyshire DE21 4AP

United Kingdom

<http://www.pektron.co.uk/>