

Job Title:	Software Engineer	Job Category:	Permanent
Reporting To:	Senior Software Engineer	Hours of Work:	Monday to Thursday: 08:30-17:00 Friday: 08:30-15:30
Location:	Sandy, Bedfordshire	Number of Hours:	37.25 hours per week
Salary Range:		Travel Required:	Occasional customer visits to troubleshoot issues on-site
HR Contact:	Debbie Valentine	Position Type:	Full Time
Applications Email:	dvalentine@wentworthlabs.com	Date Posted:	January 2019

JOB DESCRIPTION

Job Purpose

Responsible for assisting the Senior Software Engineer in developing the company's new and existing software packages using C++ or C# programs.

The Role

Main duties and responsibilities include:

- Design, development, commissioning, and control of software programs
- Producing and maintaining accurate product specifications, technical notes and documentation
- Ensuring that product design is effectively managed using company-planning systems
- Accurate application testing and risk analysis
- Making sure that all processes and systems used, comply with the company quality standards, including technical document control and release procedures for completed software
- Producing accurate and user-friendly instruction manuals
- Reporting on progress and Key Performance Indicators relevant to each product, including progress statistic reports
- Producing and delivering customer progress reports which keep all parties fully informed
- Advising on and delivering on-site installation
- Problem solving to identify realistic and workable solutions
- Producing design, testing and installation Action Plans which meet customer requirements and take into consideration lead-in times
- Ensuring that specification requirements are commissioned and meet both company and client requirements
- Providing technical training assistance to internal departments and clients
- Presenting to customers and internal staff on products design, specification and functionality
- Client liaison to identify the technical and functional requirements of products

PERSON SPECIFICATION

	ESSENTIAL	DESIRABLE
QUALIFICATIONS	<ul style="list-style-type: none"> • H.N.C. engineering discipline or acceptable lower qualification with relevant experience 	<ul style="list-style-type: none"> • Recognised software qualification or equivalent
EXPERIENCE	<ul style="list-style-type: none"> • Writing C++ or C# programs • Database and SQL 	<ul style="list-style-type: none"> • Full software life cycle experience • Software control procedures • Semiconductor industry experience • MySQL experience • AutoCAD file import/export
KNOWLEDGE	<ul style="list-style-type: none"> • Develop software programs from first principals • Modify existing software codes 	<ul style="list-style-type: none"> • ISO 9000 • Scripting experience
SKILLS	<ul style="list-style-type: none"> • Sound interpersonal skills • Must be able to communicate effectively at all levels • Analytical skills • Time management 	
CIRCUMSTANCES	<ul style="list-style-type: none"> • Initiative • Must be able to work with minimum supervision 	
PERSONAL QUALITIES	<ul style="list-style-type: none"> • Positive and friendly disposition • Team player • Solution-centred approach 	