



TRUSTED TECHNOLOGY

[www.aberinstruments.com](http://www.aberinstruments.com)

## Job Description : **Software Design Engineer**

### Main Purpose

To develop, test and maintain both in-house and user software in an efficient and effective way such that the software is easy to use and sufficiently intuitive to operate.

Belongs to the R&D department, this role will involve liaising with the Production and Technical Support departments. Reports to the R&D Manager.

### Duties to include

#### Software Development

- Develop in house and customer Software to Control and Calibrate Instruments/probes
- Develop User Interface Software for PC or PLC based instrumentation
- Test compatibilities with 3<sup>rd</sup> party products
- Write Software design specifications
- Write Software test specifications

#### Software Maintenance

- Maintain and support pre existing Software
- Bug fix and edit pre existing Software
- Carry out customer support on Software Programs

### Knowledge, Skills and Experience Required

- Programming in C#, Ladder logic, Labview
- Experience with SQL & relational databases
- Ability to work with Labview, Visilogic and Visual Studio
- Ability to document code and produce technical reports
- Ability to implement project specifications into software
- Knowledge of and Experience in GAMP software requirements

### Desirable

- Firmware experience.

**Closing date 2nd April 2019.**

**To apply please send a CV and Cover Letter to email to [emma@aberinstruments.com](mailto:emma@aberinstruments.com)**



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