

# Junior Software Engineer (IY)



# Junior Software Engineer (IY)

We invite Aberystwyth University Computer Science students to apply for the position of Junior Software Engineer, Industrial Year placement.

**Salary £21,255.00 per annum**

**To apply, please send a CV and covering letter detailing your suitability for the position to [hr@aberinstruments.com](mailto:hr@aberinstruments.com)**

**Closing date: Monday, 15th of May 2023**

The ABER Instruments R&D team is looking to support an enthusiastic, adaptable and self motivating Industrial Year placement from Aberystwyth University's Computer Science Department. Based in Aberystwyth, we're an employee owned company with over 30 years experience of making monitoring instrumentation for the brewing and biotech markets. The company is an established, global market leader constantly working to innovate and expand our product portfolio, with bases in the U.K and the U.S.

As the company is growing, our product portfolio is expanding and you would join our diverse team capable of sharing the workload to deliver improvements and new developments in a timely manner. You will be required to work across several different projects so adaptability and an appetite to learn and develop are important. We count many of the world's leading biotech and brewing companies as customers; attention to detail and quality is essential.

## **Main purpose**

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

The role will sit within the Software Team of the R&D department, and will involve liaising with the Manufacturing and Technical Support departments. Reports to the Software Design and Development Manager.

## **Duties to include:**

### **Software Development**

- Develop in-house and customer Software to control and calibrate instruments/probes
- Develop Software for PC or PLC based instrumentation
- Test compatibilities with 3rd party products
- Write Software design specifications
- Write Software test specifications
- Research possible applications for optical product range

### **Software maintenance**

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## **Current Vacancies**

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

- Maintain and support pre existing Software
- Bug fix and modify pre existing Software
- Provide customer support for Software

### **Knowledge, Skills and Experience Required**

#### **Essential**

- Programming in C# or similar
- Ability to document code
- Ability to implement project specifications in software
- Ability to work in an IDE such as Visual Studio, Labview or Visilogic

#### **Desirable**

- Experience in developing firmware
- Experience with SQL & relational databases
- Knowledge of HTML, PHP and javascript
- Programming with Ladder logic or Labview
- Knowledge of and experience in GAMP guidelines

Closing date Monday, 15th of May 2023. Interviews to be held W/C 5th of June 2023. Role to commence July 2023

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

# Aber employee benefits at a glance

As part of Aber's commitment to making the company a great place to work and to reward our employees for their contribution and hard work, we offer the following benefits.

1000 gifted shares on completion of probation period



ABER profit share



Flexible working



Peace of mind if you die in service (4x salary for your family)



Income protection scheme (75% of salary)



Opportunity to buy further ABER shares



20 days increasing to 26 days (UK based) holiday plus bank holidays with additional shutdown between Christmas and New Year



Opportunity to influence how the company grows and operates through an employee council.



ABER contributes 8% towards your pension scheme, while you contribute just 3%



Cycle to Work scheme

