

Graduate / Junior Electronics Engineer

Avalon Sciences Ltd

Location: Somerton, Somerset, England
Salary: Dependant on Experience
Contract: Permanent
Working Hours: Full Time

Job Description:

Avalon Sciences is the leader in borehole seismic recording equipment. All equipment is designed, and manufactured in house by highly skilled engineers and technicians. The popularity of the GeoChain system has led to rapid expansion; the company now employs over 50 people at its base in Somerset.

Electronics are at the heart of all our tools. The range of work undertaken by the electronics team is varied and at all stages of the product lifecycle. The electronics sub-assemblies are typically high value and are built in low volumes. The team works closely with mechanical designers to ensure the products can operate in the extreme environmental conditions found in boreholes. A typical system uses low noise data converters, programmable logic devices, embedded microcontrollers, hi-speed data transmission and reception, DSP, and USB data transfer to a PC.

There is now a vacancy in the Electronic design team for a highly motivated engineer. Although primarily working in the electronics department, the chosen candidate will need to be flexible and be able to help solve problems where they arise. The work is both interesting and challenging. The candidate is likely to be an aspiring Hardware Design Engineer looking for a challenging opportunity either as a first industrial position or first career move. As an intelligent self-starter you will be working alongside a team of experienced engineers. You will be able to demonstrate quick thinking and the ability to learn new skills.

The ideal candidate will have:

- An excellent academic record (1st or 2.1 IET accredited degree in electronics, or equivalent)
- A good understanding of analogue electronics
- Digital design skills including VHDL Programming
- Knowledge of PCB design from Schematic entry to layout
- Knowledge of embedded microcontrollers including programming in the 'C' language
- Knowledge of Microsoft Office Applications

Accepted Degree Subjects

Electronic Engineering

How to apply

Download an application form from www.avalonsciences.com

Application Form – Graduate Electronics Engineer

Applicant Information	
Full Name	
Address	
Phone Number	
Email Address	
Date Available	

Education			
University / College / School	Dates (From / To)	Course / Module Title	Grade / Expected Grade

Please outline your Work Experience. Provide details of your roles including the dates you undertook that activity, the name of the organisation, your job title and responsibilities.

Give details of your main extracurricular activities and interests to date. What have you contributed and what have you got out of them?

Please provide details with phone numbers for two references

Why have you decided to apply to Avalon Sciences Ltd?

What skills would you bring to the team, and what skills / experience do you hope to gain from working at Avalon?

What is your greatest achievement and why?

Describe a difficult technical problem that you have had to overcome and how you found a solution.

Describe a recent experience of working with other people. What did you contribute and what was the outcome?

Describe your main strengths and weaknesses.

Please email completed forms to: recruitment@avalonsciences.com