



Electrical Development Engineer – Hardware/Firmware

Fluidan ApS – Developing the new solution for process control

Work with a startup based on a unique patented measuring technology - and make a real difference to manufacturing companies worldwide.

Fluidan is developing the RheoStream® technology that for the first time makes it possible to measure complex flow properties (rheology) of liquids in real time. This enables the manufacturer to continuously monitor and optimize the production process, and to make large savings by reducing time, waste and re-process.

We work closely with Danish and international companies – our future customers – in development and implementation of a measuring instrument that will make waves across a range of industry sectors – food, paint/coating, chemicals, biotech and many more.

Fluidan is looking for a talented and ambitious electronics engineer (hardware and firmware) to accelerate the development from prototype to industrial implementation.

The Job

As our new Electrical Development Engineer you will be a key member of the Fluidan team with responsibility for technical specifications, design, prototyping, testing and certification of the of the *instrument control system* (PCB and microprocessor based), all the way to manufacture by EMS providers.

You will work in close collaboration with customer and with our Instrument Developer (mechanics), and you will also be responsible for engaging and driving external development partners.

The workplace is at Scion DTU in Lyngby, Copenhagen.

Your main tasks include:

- Development of the instrument control system (hardware and firmware) – current and future versions. Including PCB diagrams, component choice and documentation.
- Defining technical requirements and specifications in dialogue with customers
- Debug and troubleshoot existing electronic designs including hands-on debug activities such as noise suppression and grounding schemes
- Ensure compliance, including electromagnetic compatibility and immunity
- Planning and conducting tests suitable for the stage of development
- Leading the collaboration with and sourcing from external suppliers
- Testing and certification of the instrument (EMC, CE), with external consultants
- Support testing at customers
- Optional: Optimizing and compiling the control software and user interface

Qualifications

The preferred candidate

- Is motivated by daily progress, seeing the product evolving and making a real difference for the customers
- Takes pride in practical workmanship
- Can plan and execute a plan in close communication with multiple stakeholders
- Always keeps customer needs as the guiding star

You are probably an electrical engineer (Master) with some years of practical experience in structured development of instruments or control systems, including knowledge of tests and certifications.

We offer

A job in an entrepreneurial environment where the customer comes first and every day counts.

A broad and varied set of tasks and a high degree of personal responsibility and freedom.

Collaboration with future customers – each leading in the respective fields of manufacture.

In short, a job that is more than a job – it is your chance to bring the best of all your competences in play.

Application and more information

If you would like more information or will send us an application, please contact Anders L. Østergård, +45 2374 5664, anders.ostergard@fluidan.com, before May 31, 2017. Your application can be in Danish or English. We review applications continuously.