



6 Month Mechanical/Electronic Engineering Internship

(FROM E0305)

PLEASE READ CAREFULLY BEFORE CONTINUING.

European Student Placement Agency, Ltd (ESPA UK) is a recruitment agency whose goal is to find high quality internships for European students in the UK. We work closely with our host companies to ensure the positions provide the candidates with a great experience, both professional and personal.

REQUIREMENTS: ESPA vacancies are open to all EU passport holders able to travel to the UK for an educational work placement, without the need for visa documents. You must be a registered student and/or have Erasmus+ status to be eligible for our internships. Any student who is unsure of their situation should check with their university before applying. Non-EU students can also apply if they are studying in the EU and can get an Erasmus+ grant/status for the entire length of the internship.

BENEFITS: All ESPA's services are **free** for students and alumni. The benefits are:

- 1) Paid Accommodation.
- 2) Paid Utility Bills (electricity, gas, water and council tax) + Internet Access
- 3) Commuter travel to work (accommodation will be found within an acceptable commuting distance from the workplace, if that requires more than a sensible walk then a bus/train ticket will be provided).

This will be sourced and managed on your behalf by ESPA. **These benefits have an approximate value of 700€-1000€ per month (depending on location).**

There is no salary over and above the benefits offered, unless specifically stated.

To know more, please visit: www.espauk.com

The Host Company

The host company develops sensor technology for use in industrial and domestic purpose where the composition of the processing atmosphere is important, specifically ovens and kilns. Its suite of products comprises an ultra-low range differential Pressure Sensor, a Humidity Sensor, and an Intelligent Control System. The benefits of the technology include reduction in greenhouse gases and optimisation of the quality and consistency of oven-manufactured goods. The company is initially focused on multinational companies in the food and speciality chemicals markets, but has already developed a prototype for development of Smart ovens in the domestic market.

Role

This is an exciting opportunity to be involved in the production, testing and certification for an existing sensor for use in industrial ovens for a large Multinational food company. Following this, you will assist in the development of a prototype sensor for a "Smart Oven" which will be used in the domestic market, for which the host already has keen interest from a major domestic oven manufacturer.

Duration

6 months

Location

Cambridge, is known worldwide as a Centre of Excellence. Cambridge is considered, along with Oxford, to be at the hearth of European innovation. It is also a student city with a lot to see and do.

Languages

Good spoken and written English levels are required (B2 level onwards).

Start date

Flexible

Tasks

- Production and testing of PCB's (Printed Circuit Boards) for the industrial sensor
- Assisting in Self Certification to gain the CE mark for EU safety legislation
- Liaising directly with the sensor inventor
- Improving and testing a prototype sensor for smart domestic ovens
- Accompanying the inventor and parent company representatives to pitches with major domestic oven manufacturers

Personal Skills

Essential:

- Degree in Mechanical and/or Electronic Engineering or similar
- Strong communication skills
- Team player with the ability to work autonomously
- PCB (Printed Circuit Boards) knowledge
- Individual should be proactive and dynamic

Desirable:

- Knowledge or awareness of CE legislation
- Some work or internship experience would be beneficial

How to apply

STEP 1) Please, register with us at <http://www.espauk.com/students/student-registration/>

STEP 2) Please, log in to your account in <http://www.espauk.com/students/student-application/> and then click on the button **APPLY** next to the vacancy name.

If you have any problems applying for this vacancy please email us at: apply@espauk.com and in the subject please indicate the Name + the code of the vacancy you have issues to apply to.