



## 6 Month New Product Development Engineer Internship (TPPDE2401)

### **PLEASE READ CAREFULLY BEFORE CONTINUING.**

ESPA or European Student Placement Agency is a recruitment agency whose goal is to find high quality internships for European students and recent graduates 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 have to 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](http://www.espauk.com)

## The Host Company

The host company **provides** the **life science** and **supply chain industries with qualified GDP compliant thermal protection**. Their thermal covers are designed for protection of cold chain and controlled room temperature shipments, an essential component of logistics and supply chain management solutions. The company has an **established range of solar materials**, approved and used by many major pharmaceutical and forwarder companies, specifically **designed to reduce temperature fluctuation during thermal peaks and troughs in the supply chain, the material is pioneering**. Reducing thickness of materials (whilst maintaining performance) not only improves efficiency of transportation but also reduces required stock storage space.

## Role

The host company is looking for the right **candidate to be involved in their product solution testing**. The intern will be **actively involved in project developments including: management; planning and presentations** to both internal and external groups. They **work closely with cross functional teams** within to support successful market implementation. A **pro-active approach** is **expected** to attendance of appropriate conferences and learning opportunities in order to remain in touch with trends in the industry.

## Location

**Redditch** is a town and local government district in north-east Worcestershire, approximately 24 km south of Birmingham. The company also has branches in the USA, France, Dubai, China, Australia and India.

## Start date

March 2017

## Duration

6 months

## Languages

English should be **B2/C1**

## Tasks

- Be **involved** in the **research and develop process** of **new materials** within the new product development process.
- Suggest and assist in the **delivery of innovative solutions** that break the current industry trends.
- Research and help **develop scalable single and multi-use packaging solutions** for key markets with a **focus on thermal insulation, phase change materials, and reflectivity for thermal capability**.
- Demonstrate **understanding** and recommend appropriate use of **prototyping, protocol development, performance testing, component validation**, specification development and qualification testing.
- **Prepare tests** using approved process, equipment and materials.
- Use **graphic design** and applicable **software packages** to **create visual product prototypes**.
- Demonstrate **ability to cost packaging components and final products**.
- Ensure adherence to all procedures and processes set up within the quality system.
- Contribute to the continuous improvement of the quality systems in use within the company.
- Responsible for the upkeep of technical documentation.

## Personal Skills

- Background in **Engineering** or **similar discipline**.
- **Knowledge** of the **manufacturing** or **packaging environment**.
- **Proficiency** with **Word, Excel** and **flow-charting software**.
- **Knowledge** of **thermal simulation software** would be an **advantage**.
- Excellent analytical, organizational, negotiation and communication skills. Must be able to operate in a **fast-paced organization** and **handle multiple projects simultaneously** within set timeframes.
- **Excellent verbal, written, maths and presentation skills**, with **great attention to detail**.

## 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](mailto:apply@espauk.com) and in the subject please indicate the Name + the code of the vacancy you have issues to apply to.