



6 Month Manufacturing Engineer Internship

(HIEFA2604)

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 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.

All interns coming to the UK for an internship experience must have work place accident insurance which covers them for 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

This is an opportunity to join one of the most innovative Additive Manufacturing (3D printing) start-up in the UK. This company is backed up by several innovation grants as its expertise is recognised in various sectors such as automotive, F1, aerospace, defence and clean energy. Their ability to design and produce 3D printed products in metals to meet specific market requirements lead them to work with major players. This company has a solid plan to become one of the international leader of the 3D manufacturing market, using the latest available technology.

Role

You will be working on your own project. It will be your responsibility to expand the scope and gain full understanding of each of the projects requirements through liaising with the other team members. You will then be expected to manage your own time and work load to ensure all the projects are delivered by the end of the internship period. This host-company staff will be able to give support, information and insight as and when it is required to assist in the project delivery.

Location

Bristol is a fantastic city to live in. Bristol offers everything your need for a successful international experience. (Museum, artistic events, social life).

Duration

6-12 months

Languages

English should be B2/C1

Start date

September

Tasks

- Helping the company better understand the available **post processing techniques** and the advantages the individual processes can offer our products or where the costs can be reduced.
- Reviewing the current product portfolio for both design and material including the issues faced by each product and then select a candidate and engage with the post processing market and suppliers
- Carrying out a study to understand capability and tools available and run a return on investment for a selected opportunity

You will also be given your own project to *design and make an Additive Manufacturing part*

- Selecting a suitable product within the chosen market and engage with potential customers to understand their needs and market potential
- Designing the component for manufacture in AM with minimal or no requirement for post processing
- Marketing the product to the potential customer

Personal Skills

- Background in Engineering (Mechanical/Production/Manufacturing or related)
- Knowledge of Manufacturing and Production **Management**
- Solidworks or similar 3D CAD design package and a knowledge of the HyperWorks suite by Altair
- Self-motivated, strong communicator
- Creative problem solver

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.