Product Development – 3D printing Internship

(AIRNP1106)

Apply here

Start date
ASAP

Duration
6 months

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

Location
Pontypool, South Wales
This historic town, steeped in Welsh culture, has one of the country's longest industrial histories, and is currently experiencing a resurgent regeneration. Set on the edge of beautiful Monmouthshire, Pontypool provides a good base for outdoor sports and country pursuits

Are you eligible?
Are you a registered student?
Or
Are you eligible to participate in the Erasmus+ programme?

Benefits
See website for details of all ESPA benefits. For all internships over 6 months, additional benefits will be paid. Details available at interview.

Role

This internship is a fantastic opportunity to work alongside an award-winning entrepreneur.

The primary focus is to support the development and testing of innovative splicers for new composites applications. The intern will be actively involved in all aspects of project development, including: management, planning, and presentations to both internal and external groups.

The company has invested in a new 3D printer to facilitate the intern's testing process and a long-term positive programme of development is likely to be offered to the successful intern, which will include business management and corporate planning.

Tasks

- Suggest and assist in the delivery of innovative solutions that break the current industry trends
- Participate with prototype development and testing (including 3D printed tests)
- Use graphic design and applicable software packages to create visual product prototypes.
- Create engineering drawings, specifications and other design related documentation

Essential Skills

- Fully competent in the use of SolidWorks software
- Fully competent in the use of 3D printer

Desired Skills

- Interest in Design and Technology
- Degree in Mechanical Engineering or similar
- Free-thinking, proactive and creative
- Work to both instruction and on own initiative
- High level of energy, drive, enthusiasm and commitment

The Host Company

The host company makes unique splicers developed for use in the manufacture of composite materials for the aerospace and automotive industries. The quality of the company's innovation has resulted in a recent Queen's Award for Innovation and they have an ambition growth plan aiming at reaching £4 Mil by 2019. This company has been successful in an ultra-competitive market due to its focus on research and development.