



Apply here

Start date

October 2023

Duration

6 months

Languages

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

Location

Royal Leamington Spa

Leamington Spa is in the heart of the UK and Shakespeare's England! Wide boulevards, stunning architecture and award-winning parks provide a sophisticated backdrop to this Regency town and beautiful countryside dotted with historic towns and villages. The town centre combines a treasure-trove of independent, specialist boutiques alongside high street brands and a huge variety of eating experiences and a 'cool café culture'.

Are you eligible?

You are eligible for an ESPA internship if you are a registered student or have graduated within the past two years and have access to some form of grant funding

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 offers a unique opportunity for a passionate mechanical engineer to gain a comprehensive understanding of the specialized field of Impact Design. As an intern, you will have the chance to work closely with a team of experts and contribute to a wide range of projects and a diverse customer base. This host company is a leader in Impact Design and operates in various markets and is seeking someone who can bring a fresh perspective and who stands out from the mainstream engineering crowd. This experience will be very rewarding if you have a *passion for design and engineering* and will provide a unique step in your career!

Tasks

- Follow Quality Management System Policies.
- Under guidance, develop assigned in-house project(s), for example; literature searches, set-up and run numerical simulations, analysis of results and post-processing of data, generating reports, providing feedback to your Team/mentor(s).
- Under guidance, support commercial projects, for example; offering a fresh approach to design input, assist in experimental tests, workshop activities, generating reports set-up and run numerical simulation, post-processing of data.
- Preparing concept designs and creating detailed drawings and general arrangement drawings for the manufacture
- Fulfil University/Internship reporting obligations with company approval for disclosure.

Desired Knowledge and Attributes

- Studying for a degree in Mechanical Engineering i.e. BEng or MSc
- **Passion for Engineering and Design**
- Good Analytical Skills
- A professional and pro-active attitude
- A personal sense of determination

The Host Company

The host is an engineering consultancy firm, at the forefront of impact safety engineering who proudly celebrates 18 consecutive years of the ISO9001 accreditation. Their core business activity is the design, development and engineering of bespoke safety solutions which offer protection from impact loading for the Automotive, Defence, Aerospace, Industrial and Consumer sectors. They design test equipment and can assess the safety of a product by testing crashworthiness of vehicles and trains, for example, or the impact on planes from bird strikes and the effect of a ballistic strike on military helmets and equipment. Their vast experience in this area, investment in high calibre staff and the application of the latest engineering tools allows them to solve the most demanding challenges and develop the step-change products of tomorrow.