



## 6 Month Innovation Incubator Internship – Next Generation Engineering (CASNG2706)

### 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 still be a student or have graduated in the last 12 months. Any student who is unsure of their visa situation should check with their university before applying.

**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.

This will be sourced and managed on your behalf by ESPA. **These benefits have an approximate value of 1200€ per month.**

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

Our client is a **world leader** in the field of **automotive and industrial lubricants**. The company works closely with leading industry OEMs (Original Equipment Manufacturers). There is a significant opportunity to join a step out **innovation and venture team** within this major corporation.

The selected interns will be **part of an innovative team**, which has been running successfully for over three years building up a number of emerging businesses as well as an investment portfolio covering automotive and industrial sectors. The **focus** of the team is on the **long term** (5-10 years), **looking beyond the current products** and with the **aim of future proofing** the core business versus **long-term trends and potential market disruptions**.

The innoVentures team is looking for 16 interns to **form an open innovation incubator** targeted at specific market 'territories' (being Intelligent Operations one of these) as a **potential source of new business opportunities**. The aim of the team is to **choose an area of focus from a broad scope, build insight and develop proposals for potential businesses** delivering revenue over the medium to long term.

## The Role

This opportunity will be attractive to **students who wish to apply their specific skills and expertise in a progressive and challenging environment** and with the **ability to think broadly and deeply** about the world; specifically the **rapidly emerging technologies** and the **social and environmental changes** that underpin many of the wider global market disruptions in evidence today.

In the **Next Generation Engineering (NGE)** territory we are **exploring technologies**, which can **disrupt** the **design and operation of vehicles from the drivetrain perspective**. Any redesign of parts, the use of radically new materials to improve performance or development of fundamentally different drivetrains from internal combustion engines are of particular interest to us. Areas where to explore the development of business

opportunities in this field include: **Co-engineering of parts and systems**, the **role of our company in xEV's**, the **application of novel materials in the moderation of friction and wear** (e.g. graphene), the **development of 3D printed parts at production scale**. Many areas we aspire to engage in are adjacent to our core business though connected through the lubricants we produce and market.

## Duration and Start Date

6 months, starting end of September 2016.

## Location

London.

## Languages

Fluent in written and spoken **English (C1/ C2)**.

## Tasks

- **Generate new business ideas** to help the company driving technology leadership in liquids and materials, with the main aim of transforming the capabilities of engines and machines.
- **Analyse the business and market opportunities** both globally and by market.
- Set up and **run test trials**. Along with other team members, the intern would be expected to find out: What do users value and engage with or not? How do they react to various service related offers?

## Personal Skills

We are looking for students who have qualifications and experience in one of the following areas:

- **Engineering background – Understanding of engineering materials** – Design in the consumer, vehicle, or industrial area.
- **Technical education** with demonstrated ability to translate the deep technical expertise into applied problem solving.
- **Digital expertise** – which may include web design, software development, Internet of Things, CAD/CAM in engineering space.
- **Environmental sciences** – biotechnology / renewables, urban infrastructure development.
- Business strategy and management.

Moreover, the right candidates should:

- Wish to be part of a progressive group of like-minded individuals searching for new ideas and developing new business models.
- Have a track record of successful teamwork with ability to work cross functionally.
- Like to work in a more entrepreneurial environment where there is space for new ideas, wider thinking and ways of working and where supervision is more 'light touch' guidance rather than day-to-day management.
- Act as self-starters, adaptive to change and can respond quickly and positively to revised scope and direction of activities.
- Be able to demonstrate high level of capability, desire and intellect to become a member of this elite opportunity.

## How to apply

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

**STEP 2)** Please, send an email to [innovate@espauk.com](mailto:innovate@espauk.com) with the reference code **CASNG2706** attaching your CV as a PDF file. A cover letter is always helpful.

## Are you eligible?

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.