Electronic Engineering & IoT Internship (CATEI0111)

Apply here

Start date
Flexible

Duration
6 months

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

Location
Oxford, England

One of the world's most famous university cities, Oxford is a beautiful place. It is steeped in history and studded with picturesque buildings, yet maintains the feel of a young city thanks to its large student population. This buzzing city has something for all tastes.

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 is a great opportunity for an ambitious electronics engineer with a keen interest in the Internet of Things to gain hands on experience working on this ground-breaking project. Mentored throughout and working alongside the technical team, you will assist in the full life cycle development of a low power, wide area network (LPWAN) sensor node, including printed circuit board design, firmware development, component assembly and in-field testing. This internship will provide a great foundation for your future career aspirations.

Tasks

- Assist in the design of a new low powered, networked environmental sensor
- Design of Printed Circuit Board(PCB)
- Development of firmware
- Component assembly
- In-field testing

Desired Skills

- Degree in Electronics Engineering, Mechatronics or similar
- Interest in Internet of Things development
- Highly motivated and keen to make an impact
- Excellent communication skills
- Capacity to plan and execute task lists independently
- Positive and determined attitude

The Host Company

The host company is one of seven world leading technological innovation centres launched in the UK, each with its own specialist area.

This centre is an innovator in the use of satellite applications to realise the massive potential impact that using space technology could have on earth. The company is currently working on a remote monitoring system to measure and analyse key environmental conditions such as air quality, soil moisture and water pollution. Using a large network of wireless sensors and satellite communications, they will gather huge amounts of real time data for analysis and more accurate predictions relating to changing conditions on earth.