ESPA

Electrical Engineering Internship (GLOEE3103)

Start date
March 2022

Duration
6 months

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

Location
Greater Manchester
Youthful, diverse, energetic and bursting with character; Manchester is one of the most exciting places to visit in the UK right now, where everybody and anybody is warmly welcomed. Known throughout the world as the birthplace of the industrial revolution, Manchester has a proud history in science, politics, music, arts and sport. With a buzzing social scene, this multicultural city has something for everyone.

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 fantastic opportunity for an innovative electrical engineering student to gain hands on experience in the development of inventive wireless products. Mentored throughout, you will be involved in the production of schematics using Altium along with writing simple computer code and determining how to fit the designed electronics into small enclosures, under the guidance of a mechanical engineer. A creative thinker, you will form an integral part of this fast-growing company. This is a great chance to be involved at the cutting edge of technology, so if you have the skills and qualities, apply today!!

Tasks

- Develop electrical schematics to meet the customer needs
- Source materials and produce a Bill of Materials (BOM) to meet the schematic requirements
- Validate the electrical systems work and function
- Fault find and diagnose units with problems
- Amend code and in some cases create code from scratch

Desired Skills

- Studying for a degree in electrical, / electronics engineering.
- Understanding of electrical circuit modelling
- Experience analysing data in Python, R or similar
- Experience working with electronics lab equipment
- Excellent communication skills

The Host Company

The host company is a leader in the creation and design of consumer electronics and wireless powered products. They are now in an exciting new phase of adding to their product range and have claimed wide acclaim with their smart, everyday, life products. Featured on The Gadget Show and others, this company is expanding rapidly and is seeking exceptional students to join them on their exciting journey.