

**ESPA**

## Telecommunications Internship (PRAEE0912)

### Start date

April 2022

### Duration

6 months

### Languages

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

### Location

Cambridge, England  
Home to the world-famous University of Cambridge, dating back to 1209, this historical city has beautiful architecture and majestic college buildings aplenty. With fascinating museums, atmospheric pubs, fine dining, incredible street food and ancient colleges all jostling together in the city centre, as well as the beautiful riverside and open green spaces, you are guaranteed a great experience.

### 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 a proactive Telecommunications engineering student to gain hands on experience, at a world leader in ultra-low-cost flexible electronics. RFID and Near Field Communication (NFC) tags are used in a multitude of applications including asset tracking (RFID) and communications (Phone wallet, contactless payments). Mentored throughout by the Radio Frequency Produce team, you will characterise new RFID and NFC products in tag format, to global standardisation requirements. Working with this exciting technology will provide you with an invaluable work experience and be a great addition to your CV and career prospects in telecommunications.

## Tasks

- Provide support to the RF team in testing of HF (High Frequency) tags.
- Assist in calibrating NFC tags test setup using advance testing equipment.
- Hands on practice on HF tags classification using pre-defined test cases.
- Use of Python for HF tags data analysis.
- Report writing skills to present reports and data in an efficient manner.

## Preferred Skills

- Studying for a degree in Telecommunication, Computer Science, Electronics, or Information Technology majors.
- Good verbal and written communication
- Good analytical and problem-solving skills
- Ability to work well in team
- Enthusiasm and Pragmatism towards problems

## The Host Company

This award-winning host's novel products are being adopted by a growing base of global companies across diverse markets, including consumer goods, games, retail, pharmaceutical and security where asset tracking and communications are key. With a billion-unit production facility, the host company's unique, patented technology platform opens up the opportunity to invent entirely new applications for electronics. Their mission is to create more connectivity, create more designs and create more devices. With staff from over a dozen countries, covering 5 continents, the company culture promotes an open and collaborative environment, committed to delivering a new generation of electronics to address real world issues.



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