



Apply here

Start date

Flexible

Duration

6 months

Languages

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

Location

Bristol, England

Bristol is the largest city in the South West of England. It has a strong reputation for creativity, digital innovation and social enterprise, and is the home of Oscar-winning Wallace and Gromit and urban artist Banksy. Offering a lively nightlife, bars and restaurants aplenty, musical diversity and many historical sites, in 2017, The Times newspaper voted it 'Best Place to Live in the UK'.

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 role for an enthusiastic science-based student, with a strong interest in all things audio, to gain practical experience in the exciting field of the development voice user interfaces (VUI). Mentored throughout you will be assisting in the development and testing of the next generation controller for far field voice control which can be used in a multitude of different applications. This placement is a real career enhancing opportunity and addition to any CV, giving you the chance to develop technologies for some of the globe's most prestigious audio giants.

Tasks

- Collaborating with product development teams in UK and US offices, you will assist in;
- Defining and developing automated test environments, test setups and test cases
- Performing acoustic device testing, data analysis, writing reports and presenting results
- Assisting with root cause analysis of failures
- Ensuring host audio products are of the highest quality and are delivered on schedule

Personal Skills

Essential:

- Candidates will ideally have a degree in a relevant engineering discipline (Computer Science, Electronics, Physics, Acoustics, etc.)
- Passionate about quality and software testing
- Experience developing test automation software
- Development experience in Python and other scripting tools
- Strong organizational skills and heavy attention to detail

Desirable Skills

- Knowledge of audio equipment and data formats
- Experience with acoustic device characterization and testing
- Experience working with Continuous Integration tools like Jenkins
- Database experience

The Host Company

The host company is a market leader in the supply of voice and music processing and control ICs (integrated circuits) to customers including Harmon, Sony, JVC and JBL. They are currently focusing on the development of their next generation and most comprehensive Voice User Interface (VUI) controller solutions for Internet of Things (IoT) devices. Their far field voice interfaces are designed to be integrated seamlessly into any environment and have already been qualified by Amazon for use with Alexa. With substantial financial backing, this company is set to become one of the major players in the audio field.