



### Apply here

#### Start date

Flexible within the next three months

#### 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 opportunity for a talented Front or Back end developer to work for this innovative company on a world's first multiple smart home monitoring system. Mentored throughout you will assist in the development of the software and interface that will enable the user to gather real time information on things like energy usage, appliance safety and fire risk. This is a great chance to take ownership of a ground-breaking project and will be an amazing boost to your career prospects.

### Tasks

- Take ownership of developing a specific aspect of software whether front-end or back-end (based on your skills, interests)
- Support the team to translate requirements into software features
- Acceptance testing of developed software
- Take part in regular code reviews
- With colleagues, help inform and evolve technology road map in relation to software offering
- Take the initiative to innovate on code in a safe environment
- There will be opportunities to travel nationally and internationally

### Desired Skills

- Undergraduate degree in computer science or related discipline (e.g. AI / ML, IoT, data science), or enrolment in a master's degree, or equivalent knowledge gained through work experience / self-taught
- Experience in a programming language, preferably more than one, such as Python, JavaScript, CSS, HTML. Happy to consider other programming language outside of these
- Experience with RESTful API's and JSON formatted strings is highly desirable
- Knowledge of cloud-based Linux systems such as AWS.

### The Host Company

This innovative host offers the world's first smart home monitoring system specifically for landlords of multiple rental properties and large social housing organisations who may have thousands of homes to manage. Using quality technology, the landlords can remotely monitor, through a user-friendly dashboard, several utilities such as electricity, gas and water usage as well as individual appliances such as fridges, cookers and fire alarms to ensure they are working properly and safely. This ground-breaking solution will help make significant savings in maintenance and false alarms and help landlords better serve their tenants.