



Apply here

Start date

Flexible within the next 3 months

Duration

6-12 months

Languages

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

Location

Belfast, Northern Ireland
Belfast is the capital city of Northern Ireland and over recent years has seen a period of significant regeneration and growth. The birthplace of the [Titanic](#), this vibrant city has a buzzing nightlife and social scene with many cultural events taking place throughout the year. Close to beautiful countryside including [10 Game of Thrones filming locations](#) and the famous [Giant's Causeway](#), Belfast has something to suit 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 fantastic opportunity for a passionate software developer, to gain practical experience within this fast-growing startup. The host has developed an innovative video interface connecting families to elderly relatives and healthcare professionals to or those requiring care services. Mentored throughout, you will assist in the creation of dashboards to monitor and act on information, data and alerts coming from their innovative IoT video calling and patient monitoring systems. This challenging role will be a great addition the CV and you will be contributing to a very worthwhile, groundbreaking product.

Tasks

- Evaluation of technologies to find the best solution to a problem
- Creation of a dashboard to monitor various AWS resources; compute, memory, db usage and send alerts based on configurable triggers
- Creation of a dashboard to chart user engagement for the product
- Development of a dashboard that plots measurements taken from IoT devices.
- Writing automated unit and integration tests

Desired Skills

- Educational background in computer science, business informatics or related
- Experience with charting technologies such as Grafana, AWS CloudWatch, Graphite
- Familiar with AWS
- Experience with using source control
- Experience in an object orientated programming language such as Java
- Experience in front end technologies such as AngularJS and JavaScript
- Experience of building and consuming RESTful APIs

The Host Company

The host is a rapidly growing innovative start-up that has developed a video communication system that can be run through a normal television. Aimed primarily at the older generation, this intuitive device allows families to keep in touch with their loved ones with the push of a single button on a remote control. It can also be used by members of the Healthcare industry to monitor patient's health with integrated IoT devices, such as heart rate monitors and also send reminders for example, for doctor's appointments or to take medication. With a healthcare system under pressure and an ever-aging population requiring care this innovative device could literally be a life saver.