



### Apply here

#### Start date

As soon as possible

#### Duration

6-12 months

#### Languages

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

#### Location

Edinburgh, Scotland

Large enough to offer something for everyone, but small enough to feel like home, Edinburgh is a modern, sophisticated and beautiful city with a diverse, multicultural community.

It has 112 parks, as well as more trees per head of population than any other city in the UK.

Edinburgh is home to more FTSE 100 companies than any other UK city outside London. It is also home to the most varied and dynamic calendar of international events and festivals in the world.

#### 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 deep tech high-growth start-up. The host has developed unique AI-driven mobile traffic analysis software, that features low complexity and high accuracy, while being non-intrusive. Mentored throughout, you will assist in the development of APIs that enable the integration of these AI engines with other network management tools deployed by mobile operators in their networks, as well as customized compute resource autoscaling tools that feed on real-time traffic insights. This challenging role will be a great addition to your CV, and you will be contributing to a ground-breaking product that seeks to revolutionise the management of cloud-based virtualised mobile networks.

## Tasks

- Evaluation of technologies to find the best solution to a well-defined problem
- Leveraging resources for multiple cloud providers to meet end user needs
- Development of RESTful APIs that align with different telecom-specific integration standards
- Writing automated unit, stress, and integration tests
- Writing detailed code documentation

## Desired Skills

- Educational background in computer science, computer engineering, telecommunications or related
- Solid knowledge of Python (Flask/Django)
- Familiarity with some of the mainstream cloud platforms (AWS, GCP, or Azure)
- Experience with the Git workflow and development with CI/CD, and best coding practices
- Good understanding of communication networks
- Experience of building and consuming RESTful APIs
- Knowledge of data science and machine learning concepts is a plus

## The Host Company

The host is a pioneering network intelligence start-up and one of the top Artificial Intelligence Companies to work for in Scotland as ranked by independent sources. Their mission is to develop a market-leading mobile traffic decomposition and deep analysis platform that can fuel the real-time optimisation of cloud-based virtualised mobile networks, thereby reducing operational and capital expenditure, infrastructure energy consumption footprint, and total cost of ownership.