



Apply here

Start date

June 2022

Duration

6 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?

You are eligible for an ESPA internship if you are a registered student or have graduated within the past two years and have access to some form of grant funding

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 company has developed unique AI-driven mobile communications traffic analysis software, that features low complexity and high accuracy, while being non-intrusive. Mentored throughout, you will assist in the design of an advanced business intelligence platform that enables customized geo-temporal studies of mobile service usage at city scale. 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
- Development of a dashboard that provides geo-spatial and temporal visualisations of mobile service demands
- Development of dashboard that permits the creation of customized reports
- Development of dashboard that enables data exploration
- Development of context-based alarm notification system
- Writing automated unit, stress, and integration tests

Desired Skills

- Educational background in computer science, design informatics, or related
- Experience with React, JavaScript, Typescript, HTML and CSS / SCSS
- Familiarity with data visualization libraries and ability to design intuitive visualisations of complex data
- Knowledge of the Git workflow and development with CI/CD, and of best coding practices
- Knowledge of REACT ecosystem and tools including React.js, Webpack, Enzyme, Redux, and Flux and developing on Node.js projects is desirable
- Prior experience with browser-based debugging and performance testing software
- Attention to detail and ability to write clear code documentation

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.