ESPA

Android App Developer Internship (SEEAND0404)
Intelligent lighting

Apply here

Start date
Flexible

Duration
6 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 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 proactive Android App Developer to gain practical experience within this ground-breaking host company in the development of an exciting new product. Mentored throughout, you will assist in the development of an app to interact with an intelligent bicycle light aimed at making cycling safer and cities smarter. This would be an ideal placement for a cycling enthusiast to make a huge contribution to the cycling world as well as providing a real boost to future career prospects.

Tasks

- Take a leading role in development of our Android mobile application
- Prototype new functionality
- Restructure existing code using cutting edge technologies
- Create automated unit tests for the mobile applications
- Help maintain our Continuous Integration Platforms
- Ensure good coding practices
- Help with planning and scoping releases

Personal Skills

Essential Skills/Criteria

- Excellent programming skills, variety of languages considered
- Android development experience (Java or Kotlin)
- Ability to solve problems
- Passionate about programming and technology
- Knowledge of at least one source control system (GIT, Mercurial or similar)

Good to have but not essential

- iOS development experience (Objective-C or Swift)
- Knowledge of Continuous Integrations systems (Gitlab or Jenkins)

The Host Company

This ground-breaking host company has developed an intelligent bicycle light loaded with cutting edge technology aimed at making cycling safer and cities smarter. Following its success as the most popular bike light on crowd-funding website Kickstarter, this new light can adjust to lighting conditions, alert the user if the bike is being tampered with and send an alert via a smartphone if the rider has an accident. Not only this, in collaboration with a top UK university, it is being used to gather data via a cloud-based application about road conditions, collision blackspots and popular routes, which will be used in cycle infrastructure improvements and future planning. This is an amazing opportunity for the successful candidate to join this company on their exciting journey.