



## 6 Month Back End Software Developer Internship

(LIVBS0112)

### **PLEASE READ CAREFULLY BEFORE CONTINUING.**

ESPA or European Student Placement Agency is a recruitment agency whose goal is to find high quality internships for European students and recent graduates in the UK. We work closely with our host companies to ensure the positions provide the candidates with a great experience, both professional and personal.

**REQUIREMENTS:** ESPA vacancies are open to all EU passport holders able to travel to the UK for an educational work placement, without the need for visa documents. You have to be a registered student and/or have Erasmus+ status to be eligible for our internships. Any student who is unsure of their situation should check with their university before applying. Non-EU students can also apply if they are studying in the EU and can get an Erasmus+ grant/status for the entire length of the internship.

**BENEFITS:** All ESPA's services are **free** for students and alumni. The benefits are:

- 1) Paid Accommodation.
- 2) Paid Utility Bills (electricity, gas, water and council tax) + Internet Access
- 3) Commuter travel to work (accommodation will be found within an acceptable commuting distance from the workplace, if that requires more than a sensible walk then a bus/train ticket will be provided).

This will be sourced and managed on your behalf by ESPA. **These benefits have an approximate value of 700€-1000€ per month (depending on location).**

There is no salary over and above the benefits offered, unless specifically stated.

To know more, please visit: [www.espauk.com](http://www.espauk.com)

## The Host Company

**This company produces unique mapping solutions for cities and complex buildings.** The business was created by the team responsible for the Legible London wayfinding project – a global standard in wayfinding design and city movement and awareness.

The company has advanced the field of legible mapping for urban and interior spaces, has developed a platform that supports walking and other soft mode travel and has a unique business model that will advance the mapping field significantly. The business is now expanding rapidly and is developing and implementing applications for cities, campuses and airports worldwide.

## Role

The host company is looking for a **Back End software developer** helping to create mapping websites and applications to delight their users.

The intern will collaborate with designers, software developers and geospatial engineers. The selected candidate will **work across the full stack** to improve the business core platform and to develop prototype applications to explore their future direction.

The intern will be developing the company's backend technology as well as a web-based CMS to change the map data in their system. Therefore, the role requires primarily Java, but also Scala and JavaScript proficiency. The right candidate will **work with GIS** and **frontend developers**, and alongside **the map designers** responsible for well-known way-finding projects around the world.

## Location

The company has offices in Bath and London. The internship will be placed in **Bath**.

## Duration

6 months.

## Start date

As soon as possible.

## Languages

Upper-Intermediate English knowledge. **B2 level minimum**.

## Tasks

- Developing enhancements using a test-first process using **Java, Scala** and **JavaScript**.
- Working on specifications for enhancements to the core platform.
- Prototyping imaginative technology directions for the company.
- Improving the continuous integration and the deployment process.
- Looking after the cloud computing infrastructure.

## Personal Skills

### Essential:

- Proficiency in Java.
- Experience developing well-tested software.
- Comfortable working across a team with people of different skills.
- Ability to work in a self-directed way.
- Ability to pick up and evaluate new technologies.
- Competence with Git.
- Knowledge of web standards.
- Able to work with databases, both manually and programmatically.

### Desirable:

- Knowledge of Scala and SQL would be beneficial.
- Interest in GIS.
- Experience with the Play web framework.

## How to apply

**STEP 1)** Please, register with us at <http://www.espauk.com/students/register-with-us>

**STEP 2)** Please, send an email to [apply@espauk.com](mailto:apply@espauk.com) with the reference code **LIVBS0112** attaching your CV as a pdf file. A cover letter is always helpful.