



# ESPA Software Development Internship\_Platform Team

(PATSDP0612)

## Apply here

### Start date

June 2018

### 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 great opportunity for a keen Computer Scientist who wants to gain practical experience in software development for this world leader in Digital Pathology. Mentored throughout, you will assist the Platform Team in the integration and development of web based products. This internship will be a great addition to your CV and boost to your career prospects, along with the satisfaction of knowing that you will be contributing to medical research.

## Tasks

- Work as part of a scrum team developing platform services to architectural specifications
- Build RESTful microservices to support our application portfolio
- Commit to an automated CI/CD (Continuous Integration/Deployment) pipeline with high test coverage requirements
- Rapid prototyping of new ideas
- Contribute and participate in technical discussions
- Assess existing opensource and commercial products and services

## Personal Skills

### Essential:

- Background in Computer Science or a related discipline
- Strong knowledge of an Object Orientated language (ideally C# or Java)
- Knowledge of cloud oriented architectures
- Experience writing unit tests
- Working in a team environment

### Desirable:

- Experience with .Net Core
- Experience with AWS and Cloud Foundry
- Experience with Angular and Typescript
- Knowledge of the agile programming methodology
- Knowledge of continuous integration environments

## The Host Company

The host company is a market leader in digital pathology workflow software, serving over 40,000 users worldwide. Established in 2004, they have specialised in using image analysis of tissue scans to identify cancers at early stages. This innovative Digital Pathology is aimed at reducing the workload of Pathologists by allowing for fast, accurate diagnosis and grading of tumours, so that correct treatments can be put in place as soon as possible. Recently acquired by a world leading electrical giant with a strong focus on healthcare, these are exciting times for the host.