

**ESPA**

## Software Development Internship (CIRSD0806)

### Apply here

#### Start date

August 2021

#### Duration

6 – 12 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 leader in healthcare informatics and imaging solutions. Mentored throughout, you will assist the Digital and Computational Pathology division in the development of key software 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 building software to help speed up the diagnosis of patients.

### Tasks

- Working as part of a team to build software applications from initial specification to final deployment and acceptance
- Rapid prototyping of new ideas
- Investigating problems, finding solutions, and developing fixes
- Automating tests using testing tools and scripts
- Functional, performance and stress testing of the product
- Commit to an automated CI/CD (Continuous Integration/Deployment) pipeline with high test coverage requirements

### Desired Skills

#### Essential:

- Background in Computer Science or a related discipline
- Strong knowledge of an Object Orientated language, ideally C# or Java
- Experience writing unit tests
- Working in a team environment
- Good problem solver

#### Desirable:

- Experience with .Net Core
- Experience with MS Azure
- Experience with Angular and Typescript
- Knowledge of the agile programming methodology
- Knowledge of continuous integration environments

### The Host Company

The host company is a leading provider of informatics software and imaging solutions that enhance and speed up the diagnosis of patients. Established in 2010, they are recognised as one of the leading suppliers of laboratory information systems worldwide. Their innovative systems are currently helping to increase efficiency and streamline operations in multiple public and private clinical laboratories across the world. Following a recent acquisition, the host company has added digital pathology education software to its product portfolio and enhanced its digital pathology and artificial intelligence capabilities, further strengthening its position as a leader in the pathology market. The host's vision is to "improve wellbeing through innovation." This vision drives their business and product development activities.