



# 12 Months Programmer with Image Analysis Internship

**PATPIo6o9**

## **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 still be a student or have graduated in the last 12 months. Any student who is unsure of their visa situation should check with their university before applying.

**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
- 4) £80 per month food voucher.

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)

## Extra benefits

As most of European grants are no longer than 6 months the host company has agreed to offer a £400 grant replacement payment in the second half of the internship (months 7 to the end) in addition to the paid accommodation, paid utility bills and Internet Access, and paid commuter travel to work.

## The Host Company

This company is a global pioneer in the use of web-based solutions for digital pathology. Specialising in image management and the rapid analysis of tumour tissue, the company provides innovative software for use in drug discovery research, clinical sectors, biomarker analysis and education.

They have recently become part of a global technology company, focused on electronics, healthcare and lighting.

## Role

The host company is currently looking for a **Programmer** to join their exciting team developing web-based products, based on medical informatics and imaging technologies in medicine. They offer a friendly, dynamic and inclusive working environment with like-minded, talented and passionate individuals. This is an exciting time for the company and presents candidates with an opportunity to join a rapidly expanding organisation involved in ground-breaking technology that has the potential to dramatically impact on medical science through cancer research detection.

The ideal candidate will be an enthusiastic and self-motivated student who is looking for a challenging and rewarding opportunity in which they can put their knowledge into practice.

## Duration

12 months.

## Location

**Belfast** is the capital and largest city of Northern Ireland. Very dynamic city with a population of 300 000.

## Languages

English should be B2/C1.

## Start date

As soon as possible

## Tasks

The successful candidate will be coached and supported as part of the existing research and development team and tasks will include, but not be limited to:

- Working as part of a team to build software applications from initial specification to final deployment and acceptance.
- Research and development of novel image analysis solutions for the automated identification of cancer.
- Rapid prototyping of new ideas.
- Functional, performance and stress testing of the product.
- Automating tests using testing tools and scripts.
- Manual testing of the product.

## Personal Skills

### Essential:

- Student or recent graduate of a Degree in Computer Science or a related discipline.
- Knowledge of C++.
- A strong academic record (equivalent to 2:1 standard or higher).
- Good problem solver.

### Desirable:

- Knowledge of the Agile programming methodology.
- Experience in image processing or computer vision.
- Experience of writing and building unit and integration tests.
- Experience with OpenCV.
- Experience with Python.

## 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 **PATPIo6o9** attaching your CV as a pdf file. A cover letter is always helpful.

## Are you eligible?

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.