



6-12 Month Programmer with Image Analysis Internship

(PATPl2302)

PLEASE READ CAREFULLY BEFORE CONTINUING.

European Student Placement Agency, Ltd (ESPA UK) is a recruitment agency whose goal is to find high quality internships for European students 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 must 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).
- 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

Extra benefits

As most of European grants are no longer than 6 months the host company has agreed to offer also a compensation in the second half of the internship (months 7 to the end) in addition to the regular benefits.

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.

Location

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

Languages

Good spoken and written English levels are required B2/C1

Start date

July 2017 (Flexible)

Duration

12 months preferred. 6 months accepted.

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:

- Background 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/student-registration/>

STEP 2) Please, log in to your account in <http://www.espauk.com/students/student-application/> and then click on the button **APPLY** next to the vacancy name.

If you have any problems applying for this vacancy, please email us at: apply@espauk.com and in the subject please indicate the Name + the code of the vacancy you have issues to apply to.