ESPA

Computer Graphics Internship (AXICG1408)

Apply here

Start date
October – November

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 including 10 Game of Thrones filming locations 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 very special opportunity for a talented student to assist this revolutionary host create systems where medical professionals can view and interact with digital imager. Their current project is about creating a system where surgeons can collaborate with a shared 3D digital model, in real time, to facilitate better cross team participation on cases. The idea is to make the 3D models as realistic as possible, where each party can view a 3D model representation of the actual patient being reviewed.

Their goal is to make 3D medical imagery so easily accessible that it becomes routine throughout the World and available to everybody, globally. Software like this doesn't exist in the world, so it's an exciting and motivational time for the whole team.

This is a great chance to develop your skills, contribute to the future of medicine and enhance your future career prospects! This company has hosted several successful ESPA internships, so you are sure to have a rewarding experience, both inside and outside of work, in this lively city.

Tasks

• Display and manipulation of 3D imagery

• Creation of 3D models as realistic as possible

• Being in charge of the project to run and express your ideas to move the project forward

• Delivering software into production in an agile product focused company

Desired Knowledge and Attributes

• Studying towards a degree in computer graphics, games development or similar

• Knowledge of Python needed

• Knowledge of a game development framework such as Unity or Unreal

• Strong problem-solving skills

• Experience in computer graphics desired

The Host Company

The host is an innovative medical technology firm specialising in creating 3D prints from CT and MRI scans to provide surgeons and clinicians with an accurate model to improve diagnoses, prepare and plan surgical procedures. This results in increased efficiencies, advancement of surgical standards and most importantly the improvement of successful patient outcomes. With continued growth, this company is continuing to revolutionise the medical sector.