ESPA

Data Science Internship (CATDS1508)

Start date
Flexible within the next three months

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 great opportunity for an individual, confident with data processing and deep learning procedures looking to gain some valuable practical experience within this innovative host company providing disruptive technology to the farming industry. Mentored throughout you will assist in the development of algorithms that will solve real world problems on dairy farms relating to animal health and welfare. Early identification of problems will ensure happy cows and maximum milk yield. If you want to be part of this exciting new technology, apply today!

Tasks

- Prepare and analyse data to ensure it is correct for the task at hand.
- Design and build algorithms that will solve real world problems on dairy farms.
- Collaborate with team mates to get relay the correct information to farmers
- Work as part of an agile team responsible for all steps of algorithm development from conception to delivery into production.
- Contribute and partake in technical discussions.
- Commit to an automated Continuous Integration & Deployment pipeline.

Desired Skills

- Working towards a degree in Computer Science, Data Science, or other related disciplines.
- Capable in Python, Keras, TensorFlow
- A keen interest in data and analysis
- Knowledge of computer systems
- Understandings of image analysis & computer vision
- A demonstrable understanding of Deep Learning.
- A passion for staying up to date with the latest technologies.

The Host Company

The host is a small innovative start-up already recognised as disruptors in the Agricultural Technology industry (Agtech). Their goal is to deliver the next generation of livestock monitoring solutions based on video analytics powered by deep learning. The system can autonomously identify the animals and extract insights including animal mobility assessment, monitoring breeding physiological signs and deliver them back to the farmer in an actionable format. The cloud-based platform utilises the latest innovations to derive novel insights about the animal that could be used to manage animals and improve their welfare more efficiently.