



Apply here

Start date

Early 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 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 great opportunity for an individual, confident with data processing and machine learning procedures, looking to gain some valuable practical experience within this innovative host company providing insights to guide big business decisions. Mentored throughout, you will assist the team to provide subject matter expertise for customers and prospects, communicating concepts to technical and non-technical audiences alike, and working with the engineering team to architect and deliver solutions to problems. For the successful candidate, this role will be a great learning and development experience.

Tasks

- Collaborate with product design and engineering to develop an understanding of needs
- Research and devise innovative statistical models for data analysis
- Actively engage in bringing your models to production
- Communicate findings to all stakeholders, technical and non-technical
- Enable smarter business processes and implement analytics for meaningful insights
- Keep current with technical and industry developments

Desired Skills

- Working towards a degree in computer science, data science, or other related disciplines
- A passion for staying up to date with the latest technologies
- Knowledge of Python, R, SQL
- Ability to engage with complex datasets and design analyses that extract useful insights

Some knowledge or experience in **any** of the following a bonus:

- ANNs, RNNs, GANs, ResNET implemented in Tensorflow, Pytorch, Keras .
- NLP approaches: LDA, word vectors, Transformers, BERT, XLNet
- Graph modelling & analytics: networkx, neo4j, graph neural networks

The Host Company

The host company is a high-end technology consulting firm focused on combining senior-level expertise with senior-level management and boards to solve big business problems using the power of machine learning. A group of former Google Cloud engineers and leaders, they have deep knowledge of how data can and should be structured, the ability to tap into that data for unique insights and the understanding of machine learning to automate the process going forward.