ESPA

Data Science Internship (CFDS0211)

Start date
Early 2021

Duration
6 months

Languages
Good spoken and written English levels are required (B2 onwards)

Location

Bristol, England

Bristol is the largest city in the South West of England. It has a strong reputation for creativity, digital innovation, and social enterprise, and is the home of Oscar-winning Wallace and Gromit and urban artist Banksy. Offering a lively nightlife, bars and restaurants aplenty, musical diversity and many historical sites, in 2017, The Times newspaper voted it 'Best Place to Live in the UK'. ESPA has a thriving intern community in Bristol, so there is plenty of opportunity for socialising.

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 fantastic opportunity for a data scientist intern to support this organisation in the Artificial Intelligence field. Mentored throughout by the CTO and COO, you will be part of our data science team to deliver projects for several varied UK corporates. Your tasks will be oriented on improving the insights provided by our teams. This incredible experience will make an excellent addition to our CV.

Tasks

- Develop Machine/Deep Learning solutions in python using modern data science stack; git, Linux, pandas, NumPy, matplotlib, scikit-learn, PyTorch
- Develop supervised and unsupervised ML techniques such as linear regression, tree-based models, boosting, clustering
- Develop neural networks solutions including deep learning, Auto-encoders, CNN
- Develop Data visualisation and dashboards
- Coordinate with other data scientists in the team for collaborative solution development

Desired Skills

- Background in computer science or data science.
- Awareness of appropriate computational platforms, hardware and software
- Good statistical and software programming
- Ability to mine and visualise complex data from a variety of domains

The Host Company

The host company is a non-profit organisation that has specialised in offering high value design capabilities to companies by advanced modelling and simulation and high-performance computing. Our projects are developed for a broad variety of industries such as Aerospace, Automotive and Energy.