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Start date

Start date is flexible up until October 2018

Duration

6 months

Languages

Must be proficient in English

Location

The cathedral city of the Cotswolds, Gloucester has its roots stretching back to Roman times and has continued to be an important English city, boasting over 2,000 years of history. The country's most inland port, the city has seen unprecedented regeneration in the last decade, most visibly at the city's historic docks making it a top shopping destination. This friendly city hosts a premiership rugby team with the country's most passionate support and with buzzing night life, you are guaranteed a great experience.

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 an exciting opportunity for a computer science student with a keen interest in machine learning to develop a "first in its kind" sizing program to ensure all helmets ordered are the correct fit first time without the need for returns and additional costs. This industry leading innovation will revolutionise online buying of such important safety equipment. Mentored throughout, you will be encouraged to provide your input on the best methodologies and technologies to use and will have creative freedom to build the project in the way you know is best. This placement will provide you with the opportunity to do something unique and get you noticed!!

Tasks

- Assist the team in the designing, building, testing and releasing of the sizing guide
- Integrate product with existing systems to make use of historic and live data
- Test product with varying factors (different questions, UI layout, weights, etc.) to achieve most accurate results with A/B testing
- The product must continually adjust and measure itself against given criteria to judge its own accuracy

Personal Skills

- Experience with building entire systems based around machine learning
- Experience with creating REST APIs for data reporting
- Competent in Python & MySQL and knowledge of chosen libraries Tensorflow, Caffe, Keras is beneficial
- Confident enough to make architectural decisions.

The Host Company

This host has created the World's first crash helmet system with integrated goggles and detachable face mask to protect from rocks, rails and sub-zero wind-chill. Their mission is to construct the most insane gear that enhances protection in extreme environments and challenge the user to go there!! If you have an interest in extreme sports, then this could be your ideal placement.