Join DEEPTIMIZE as

Data Scientist Intern
(6 months)

https://www.deeptimize.com/

The first lever of sport performance is sport technique which is determined by two things: posture and movement.

And, at training time, on a daily basis, posture and movement are defined by two sides that interact in order to optimize it:
One one side, coaches use their visual expertize and their experience to analyze and correct. One the other side, athletes use their proprioception i.e. the perception of their own body in space to apply corrections and optimize its technique.

So, in this environnement, posture and movement are subjective and qualitative data which makes them hard to optimize.

This problematic impacts as well professional athletes who are evolving in an increasingly competitive environment; amateur athletes who are exposed to numerous injuries often due to the repetition of small parasitic movements; coaches who want to communicate their expertise in the clearest and most precise manner; and companies that innovate in the field of sport that want to quantify the impact of their products on the movement and therefore on the sports performance.
DEEPTIMIZE is the first AI online platform that enables, from a simple photo/video, to automatically extract quantitative data related to posture and movement. To do so, we leverage the latest and most advanced computer vision and machine learning methods to provide visualizations and data that are actionable by both coaches and athletes.

THE ROLE

DEEPTIMIZE is an early-stage start-up that is going to grow fast with an ambitious strategic development. Thus, as an intern in DEEPTIMIZE, you'll have a specific mission but you also will have the opportunity to discover all about entrepreneurship.

Your main mission will be to:
First, compare and experiment different methods for pose estimation;
Second, create a new dataset for our needs;
Third, improve existing models using this dataset.

This internship will make you one of the first joiners at DEEPTIMIZE and will open to a full time position as data scientist and/or a Ph.D. in a great research lab financed.

DESIRABLE SKILLS

Technical:
You are currently graduating a Master's degree in Statistics, Applied Mathematics, Data Science or Engineering;
Knowledge in machine learning, deep learning and more particularly computer vision (CNN mostly), and one of the main libraries for ML (TensorFlow, PyTorch, Scikit-learn ...).
Good skills in Python. Scientific rigor.
Personal:
You like to build from scratch and learning;
You are passionate and motivated by sports/health.
Good english (written and spoken);
Excellent communication skills;

WE OFFER

Good salary for an internship;
Building the future of sport technique, posture and movement, and having a great impact on sport performance and health;
Working and develop new state-of-the-art AI methods;
A company where you can learn as you go with an ambitious and benevolent team to be built;
Office in one of the world's best incubator for sport innovation (and some remote if you want).

JOIN US

If you are interested or know someone who might be interested, feel free to contact us at contact@deeptimize.com.