



'De Slang': Model voor 'threat contribution' analyse

Come work at Forward Football and become part of the sports science & data analysis core team of one of the most innovative Sports.Tech companies in the Netherlands! Help us with the expansion and development of our 'next level' Sports Data Intelligence cloud platform, Technoleon, which serves as a data analysis Dashboard for our customers, with which they monitor and adjust the progression and development of elite level players.

The assignment: graduation thesis (Msc) and internship

Artificial intelligence – find match events (passes, dribbles, etc.) in football tracking data

At Forward Football it is our goal to help better develop players and coaches and enjoy the fantastic game of football. In order to achieve this we work with cutting edge technology and software. More specific, with our INSAIT KS LPM system we have access to raw match data based on (X,Y) co-ordinates (positions) of the players and the (smart) ball in every moment of the match.

For this assignment you will be working on detecting match (football) events like passes, dribbles, interceptions, shots, etc., from the raw position data and timestamps.

The aim of this project is to develop Machine Learning algorithms that extract accurate and our own high standard match events from movement of the players and the ball.

Information about the internship

- Start from january 2023 (or any other date in Q1 2023)
- Full-time internship
- You will be part of our data science team and report to our lead data scientist
- Acces to all our office facilities
- Internship allowance

For this graduation thesis (Msc) we require the intern to have the following profile:

- Bsc in Computer Science, Data Science, Business Analytics, AI or similar
- Excellent skills and experience in python.
 - Especially in data-cleaning and Machine Learning modelling
 - Experience in Deep Learning libraries (like Tensorflow)
- Excellent knowledge in linear algebra and statistics
- Excellent knowledge in Machine Learning algorithms and theory
- Experience in data visualisation (Plotly, Seaborn)
- Knowledge of SQL, Git

Company culture

- A fast growing company in the dynamic area of Sports.tech and performance data-analysis
- Close corporation between different internal disciplines such as data-mining, sport-science (research), marketing, e-commerce and consultancy to (top) sport clubs
- Located directly at metro station Overamstel in Amsterdam-Duivendrecht
- Guidance by a permanent internship supervisor
- You become a fully-fledged colleague within the data science team with plenty of opportunities for development and job prospects

Websites

- Forward.football
- Forwardsports.tech
- Technoleon.nl

Your application

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