Pierre Hernot
Master For Smart Data Science
Digital Resume on Streamlit / GitHub Profile

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Graduated with a Master's in "Digital Sciences and Sport," specializing in data science at EUR Digisport in Rennes, I aim to enhance my skills. Initially sports-focused, I'm eager to develop versatile expertise in data science to tackle challenges in health and other fields.

Work Experience

Data Analyst Intern   Jan 2024 - Jun 2024
Stade Rennais FC | Rennes | Letter of recommandation

I supported the sports scientist in conducting physical assessments for youth players. Among my tasks, I updated Power BI dashboards using diverse datasets (GPS metrics, psychological and video analysis data, and initiated the development of a machine learning model to estimate injury risk, though this work remains in progress).

Research Intern   Feb 2023 - Jun 2024
Laboratory M2S | Rennes | Letter of recommandation

In my research, I examined the relationship between maximal fat oxidation and match performance using GPS data. My article, "Maximal Fat Oxidation Impacts High-Intensity Running During Soccer Matches: Lessons from a Retrospective Study in Elite Soccer Players," is currently under review for publication in a sports science journal.
Link : Master Thesis

University and Personal Projects

Interactive Data Visualization of Healthcare Accessibility in France   2025
Developed an interactive application to analyze and visualize healthcare accessibility across French communes.
Link : React App

Classification of Tennis Stroke Types, Deep Learning and Machine Learning   2023
Classification of Tennis Stroke Types (Time-Series Data from Accelerometer and Gyroscope).
Link : Deep Learning | Machine Learning

R Shiny Application for Sports Data Visualization   2022
Created an R Shiny application focused on sports science to visualize data on the Olympic Games from 1896 to 2022. Link : Shiny App

Education

University Rennes 2 , EUR Digisport   Sep 2022 - Jul 2024
MSc STAPS | Digital and Sports Sciences | 15.27 / 20
University Paris-Saclay   Sep 2021 - Jun 2022
First Year of MSc STAPS | Engineering and Human Movement Sciences | 14.031 / 20
University Rennes 2   Sep 2019 - Jun 2021
BSc STAPS | Sports Ergonomics and Athletic Performance | 13.522 / 20

Certificates

Toeic Listening and Reading : 905 / 990   Nov 2024

Interests

Sport : Regional-Level Soccer Player (SC Morlaix)
Cinema : I enjoy thought-provoking dramas and psychological stories.
Actuality: Strong interest in geopolitics and global conflicts.