

Pedro Pedro

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Based in Leiria, Portugal. I'm currently finishing my degree in Computer Engineering at Polytechnic of Leiria. I would like to work in the area of Machine Learning or Data Science / Analytics area.

Projects

2025 - VirtIAFut (Currently working on this Project)

Objective: Develop a solution to create a 3D virtual representation of a game using real-time television images, showcasing avatars that replicate the movement of players and the ball on the field.

Technologies: Utilize Artificial Intelligence (AI) and Machine Learning (ML) techniques, including Computer Vision (CV).

Key Tasks:

- Detect the positions of players and the ball from television broadcast images.
- Predict trajectories when information about a player or the ball is unavailable from the images.

2024 - Memory Game

Objective: Developed a mobile application for the classic Memory Game, focusing on single-player mode with a user-friendly interface and centralized support system.

Features: Login and Anonymous Mode | Single-Player Mode | Game Coins | Notifications | Game History and Scoreboards

Technologies: Mobile application development (platform-agnostic), MySQL for backend integration, version control (Git) and project management (JIRA).

Education

2025

Bachelors in Computer Engineering | Polytechnic of Leiria

Skills

Languages: Python | SQL | JavaScript

Tools: Git | GitKraken | Docker | Excel