![improfit PHYSIOTHERAPY & TRAINING A.I]

Project CV Hands and body tracking

Improfit is a company that develops solutions for fitness and rehabilitation based in computer vision for pose estimation where we monitor body movements.

The project will be to check angles and different positions of hands and other parts of the body and interact with objects integrated with augmented reality.

The inference is done with an RGB camera where we get some landmarks and we can treat to define different behaviors and guide the user to improve different exercises.

Our company Improfit is already working with some hospitals and with the market leader in the fitness industry.

There is a computer vision team and software engineers with computer vision products which are already in the market.

The office is Barcelona Health Hub which is inside Hospital Sant Pau (recinte modernista)