

Project CV Low mobility : upper body and face

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 evaluate movements for people with limited mobility. We will also develop face movements.

At the beginning it will be single person and we would see if in the future potential multiperson.

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)

