

3D Model Generation Utilized For Manufacturing of Consumer Goods

Company Background:

We are the Goalkeeper.com Group , a portfolio of businesses catering to the goalkeeper position within the global football market. Goalkeeping is a niche that has been ignored by all major technology providers within the sports tech and materials science world. We are changing that and our team includes Cambridge Astrophysics PhDs, World Cup Legends and an international team of experts. Our clients are Premier League Clubs, National Teams and the largest brands in the world.

Project Description:

We are looking for a team to put together the core service to measure finger, hand, and wrist dimensions using standard camera hardware available on mobile devices. The outputs of this project need to be capable of providing the factory with unique dimensions for a pair of human hands which can translate into manufacturing dimensions for products. This service may be commercialized further with the largest manufacturer of gloves worldwide.

Desired Skill Set:

We are looking for a team with an interest in machine vision, 3D modeling and manufacturing to guide the decision making processes on the technology used to generate the service. This service would likely be utilized within our front end frameworks which are vue, nuxt, node express api, and some php based web frameworks.

Preferred Team Size:

A minimum of 3-5 members would be enough.

Potential For Work:

We are open to developing this work further and hiring students following the field session depending on how the initial project proceeds. We do plan to retain the IP. We are open to discussing the potential for royalties if the service is functional. Furthermore if there is a machine vision expert which emerges from the group we are working on multiple projects including skeletal tracking, object tracking going forward which are funded.

Location for Work:

We are a distributed team and are open to the team working remotely, and organizing meeting times to coordinate with our leadership group.