

Satori Trainer by Emmalie Christina Morisseau

Abstract Id: 304 Submitted: March 17, 2017 Event: Conference for Undergraduate Research at FIU 2017 Topic: Electrical Engineering

With the increasing emphasis on health in the United States coupled with the continuing growth of technology across the world, the fitness technology industry has significantly soared over the years. Wearable exercising equipment's such as smart watches and step counters have become quite popular.

In this project we aim to design a wearable tracking motion system that will be integrated into an exercising gear. This product will obtain user's motion and body postures to provide real-time feedback via an interface on how to correct movements and perform the right exercise. With this product, amateurs and professionals will be able to proactively exercise and improve their safety.