

KiloKounter

AI Personal Trainer

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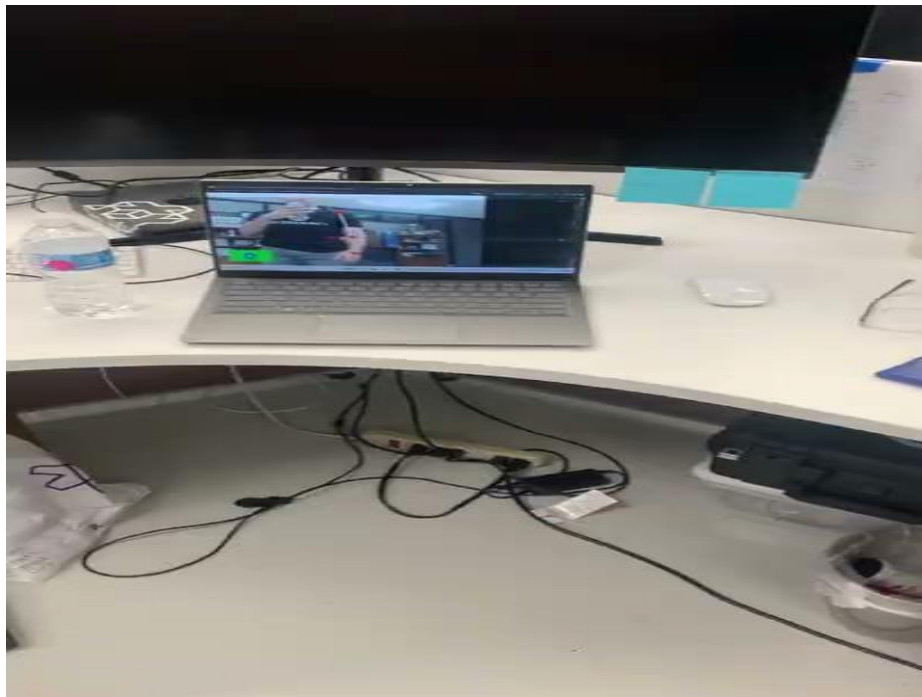
Project Overview and Purpose

- Imagine an IOS App that is capable of being your personal coach
- Many athletes lift alone and set up their phone to record their lifts
 - How do they know if their rep was correct in real time?
 - How do they know if their form was correct?
- Using computer vision, I can develop an app that will tell the user if they have completed a full rep of various exercises
- Main Focus: I want to learn XCode and the various languages involved in software development
- By combining my love of weightlifting and computer vision, I am very motivated to publish this onto the App Store one day

Rough Design (Page Navigation Code is written)



Real Time Rep Counter via iPhone - Bicep Curls



Current Struggles to Overcome

- Can only produce Android applications through Windows?
 - No Android phone
- Computer crashes / programming errors
- Integrating Unity scenes to real-time phone camera
- Unable to download XCode with Windows in order to make IOS apps
- Will require a lot of reading and learning about app development