CSCI599 - FormBuddy

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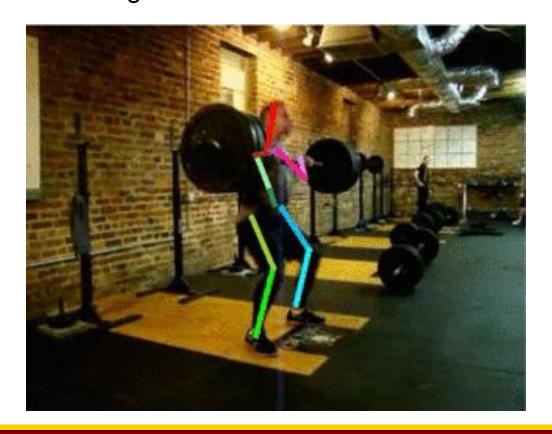
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Project Overview - FormBuddy

- **Goal**: Create an application that can evaluate and give advice on correcting a user's lifting form in real time

Project Plan - FormBuddy

- **Phase 1 (2-3 weeks)**:
  - Identify and setup working environments
  - Collect training data for specific lifts (bench press, military press, etc.)
    - Label videos with correct/incorrect form
- **Phase 2 (1-3 weeks)**:
  - Train and configure a neural network to determine correct form
    - OpenPose (python library)
- **Phase 3 (1-2 weeks)**:
  - Debug
  - Expand to more compound lifts (time dependent)
- **Phase 4 (2-3 weeks)**:
  - Deploy application (Aiming for a mobile deployment)

Questions/Suggestions?