

# **PostureCheck: Posture Modeling for Exercise Assessment Using the Microsoft Kinect**

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Goal: Automatically evaluate posture during physio-therapy.



Collect a dataset using the Kinect of 8 subjects performing several repetitions of an exercise both correctly and incorrectly.

**1.**

Extract relevant features from the skeletal sequence and train PostureCheck using Naïve Bayes.

**2.**

Evaluate PostureCheck on a separate Test Set: Achieves > 94% accuracy in determining correct posture.

**3.**