



HKUIT's AI Motion Capturing and Prediction System is a groundbreaking solution developed by our team. It provides advanced safety measures in a wide range of settings, accurately monitoring and predicting human behavior to ensure safety in swimming pool areas, childcare centers, events, commercial buildings, public transport places, and sports education.

- The technology actively identifies human actions and signals an alert for unusual behaviors, such as lying in a public space, to draw attention.
- The technology extracts the “skeleton” of a human body, ensuring privacy to individuals, hence allowing the security in camera-prohibited areas, such as toilet and bedrooms.



Social Impact:

- Protect children & elderly by installing security system in care homes
- Save lives by installing “AI Drowning Detection System” in swimming pools
- Promote health & exercise for students & elderly, with currently 20 schools using “Robocoach sports apps”

