

Odroid - main server that will all ROS node communication.

Arduino Uno w/ Motor shield - client ROS node that will handle movement of Robot Arm joints.

2 cameras - Connected to the Odroid with Opencv library. Wrapped with ROS node

Thinking about the possibility of using a third camera to check if the ball has been captured

planning to use ultrasound sensors to detect obstacles and avoid them. Currently planning to use it with Arduino itself





