

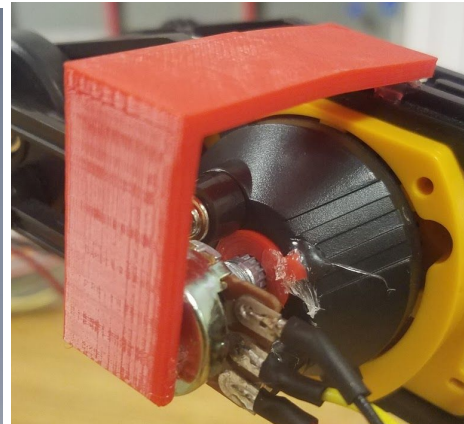
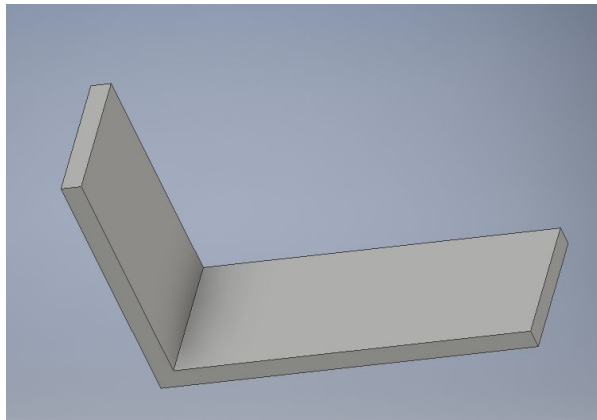
Progress Report

1. Goal from last week

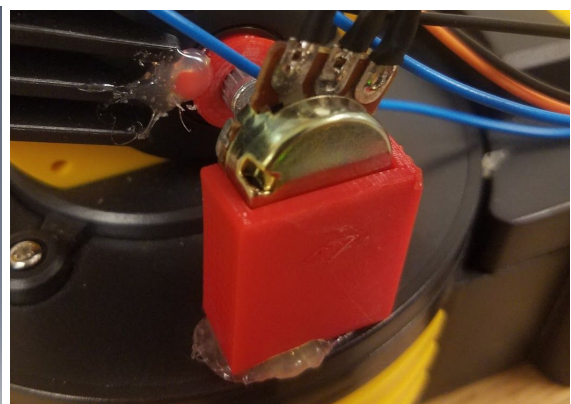
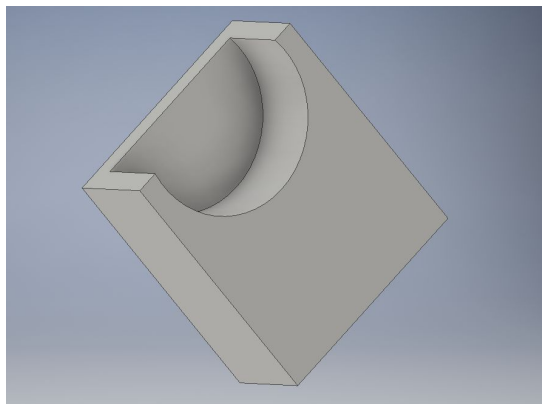
- Arduino Sketches
 - i. Get data from potentiometer ([link](#))
 - ii. Move motor using a relay motor controller ([link](#))
 - iii. Converter from analog to angles
 - iv. Move motor to desired angle (video)
- 3D Print a part to hook the potentiometer to the robot arm
- Improve Robot arm simulation (in progress)

2. Accomplishments this week

- Design a 3D part to hold the potentiometer stationary for motors 2 and 4
 - i. Motor 2

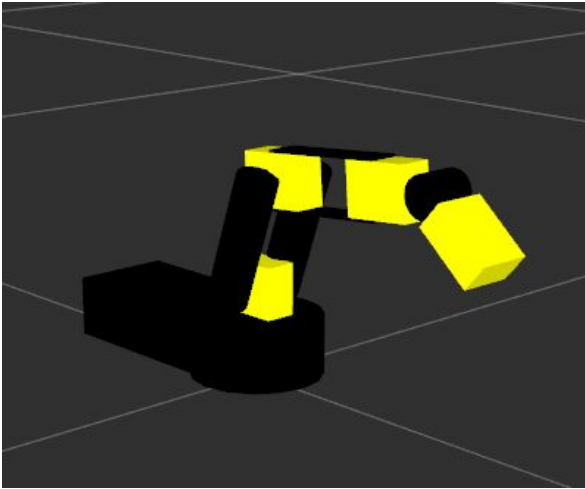


ii. Motor 4

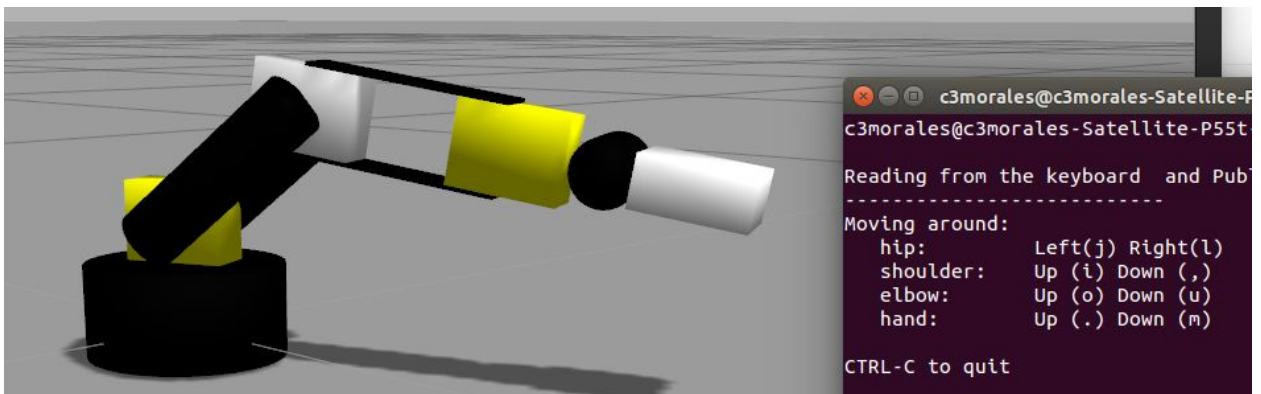


- Control Motors 2 and 4 (video)
- Finish Robot Arm Simulation

In Rviz



In Gazebo



3. Goal for next week
 - Look for small potentiometers for motor 5
 - Design 3D part to hold potentiometer stationary for motor 1 and 3.
 - Research on how to control the motors speed.
4. Dr. Becker needs to