Shanking Machine

The shanking machine was made to imitate someone in prison who is shanking another person. It is a 3-axis moving robot arm. The arm starts at an upward position. Then with each button you press it acts more like a prisoner. The X axis servo brings it to its starting position, then the Y axis servo brings it down, so I can grab the shank. Then the Z axis servo closes the hand so it can pick up the weapon. Then servo x brings it left and right repeatedly, so it can “shank” its victim. Then servo X goes back to its starting position. Servo Z drops the weapon and Servo Y puts its hands up so no it’s not shot. During this project I learned how to control multiple servos so they form a robot arm. In doing so they were able to perform the task that I wanted. If I were to do it again I would from the arm better so it looks more fluently when it performs the desired action.