

Ricardi Riche

Action Figure Display

I made this display stand using a servo motor to rotate the stand, it has 4 LEDs, a potentiometer, and a piezo buzzer. I made it because I need it, I want to put the action figures on after I print them to make them look cool in my room. I model the main box in fusion 360, I was able to get the servo holder while I was looking for my character models online. The way it is on the technical side I have everything connected to Arduino side and I also have a processing code that controls the servo and the piezo for the sound. For the potentiometer I have it controlling the light brightness. The way it works you have the main control in processing that allows you to turn it base and there is a button for the sound to play when you press it the piezo should be playing. As for the potentiometer, you can control the light. In the future I might make the box a little bigger or find a way to add a button to turn on and off the lights.





