Robot Behavior

Michael Caruana

RBT173 – Introduction to Microcontrollers

Matthew Prater – Professor

This is the last project and I happen to have the Elegoo Robot Car 4.0. It has an Obstacle Avoidance program built in. I can’t access the code unfortunately. I tried doing it in the program section of the app but my attempts were met with failure. I was able to control the car with the block program language in the app but I couldn’t get it to do it on it’s own. Then I found the button to push that makes the car run around the room and avoid things.

<https://youtu.be/x1t24wp1BXU> - Obstacle Avoidance

Here is the video I had to take with my camera on my computer so I could use the app on my phone to control the car. I wish I had more time to explore these capabilities further but the class is only 5 weeks. I did build the car that was sent to me and I wanted to figure out how the doubler for the motors worked but I’ll have to do that in my spare time.