

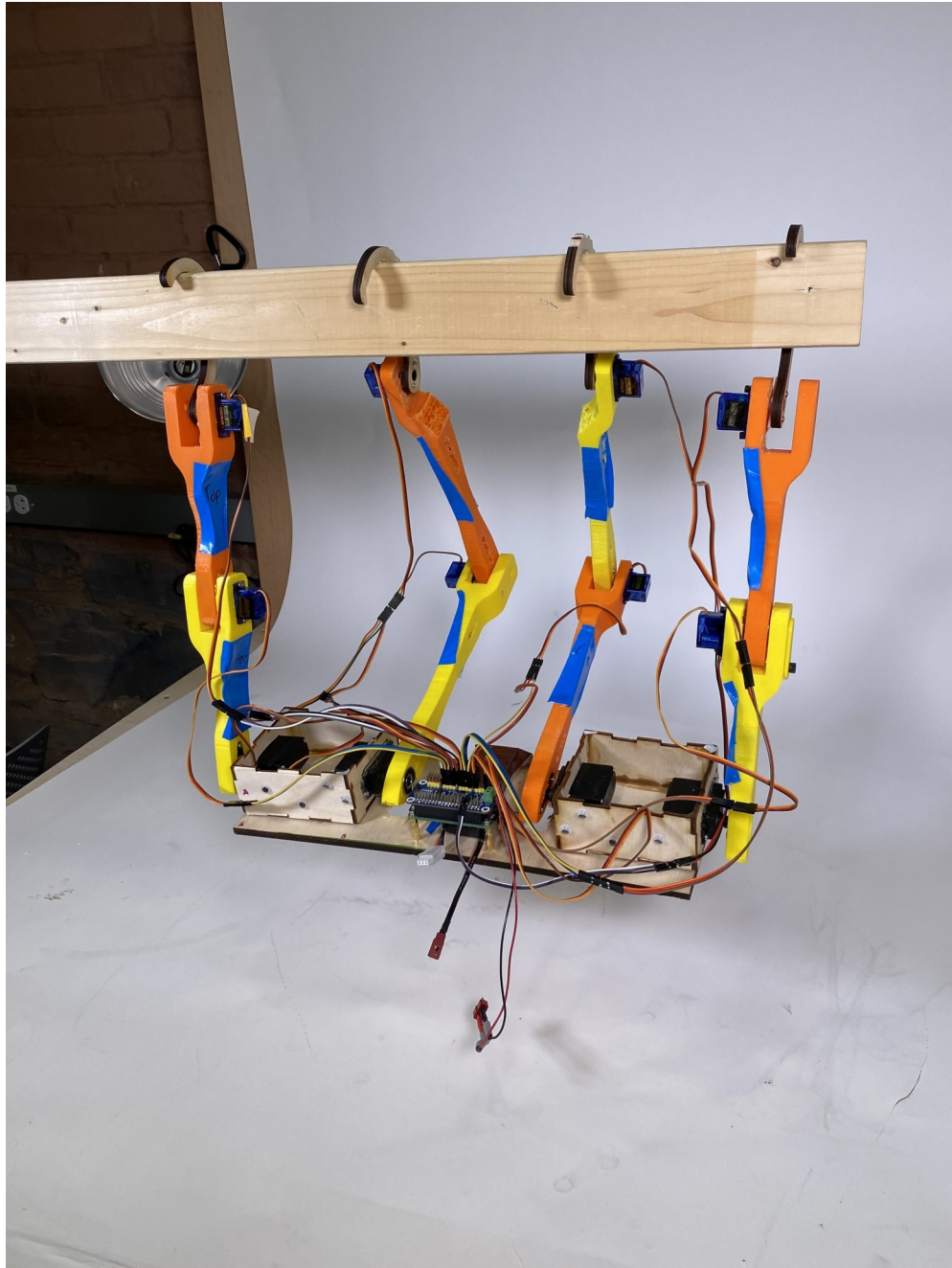
Jordyn Brosemer

Aspiring Robotics Engineer



My Robotics Portfolio

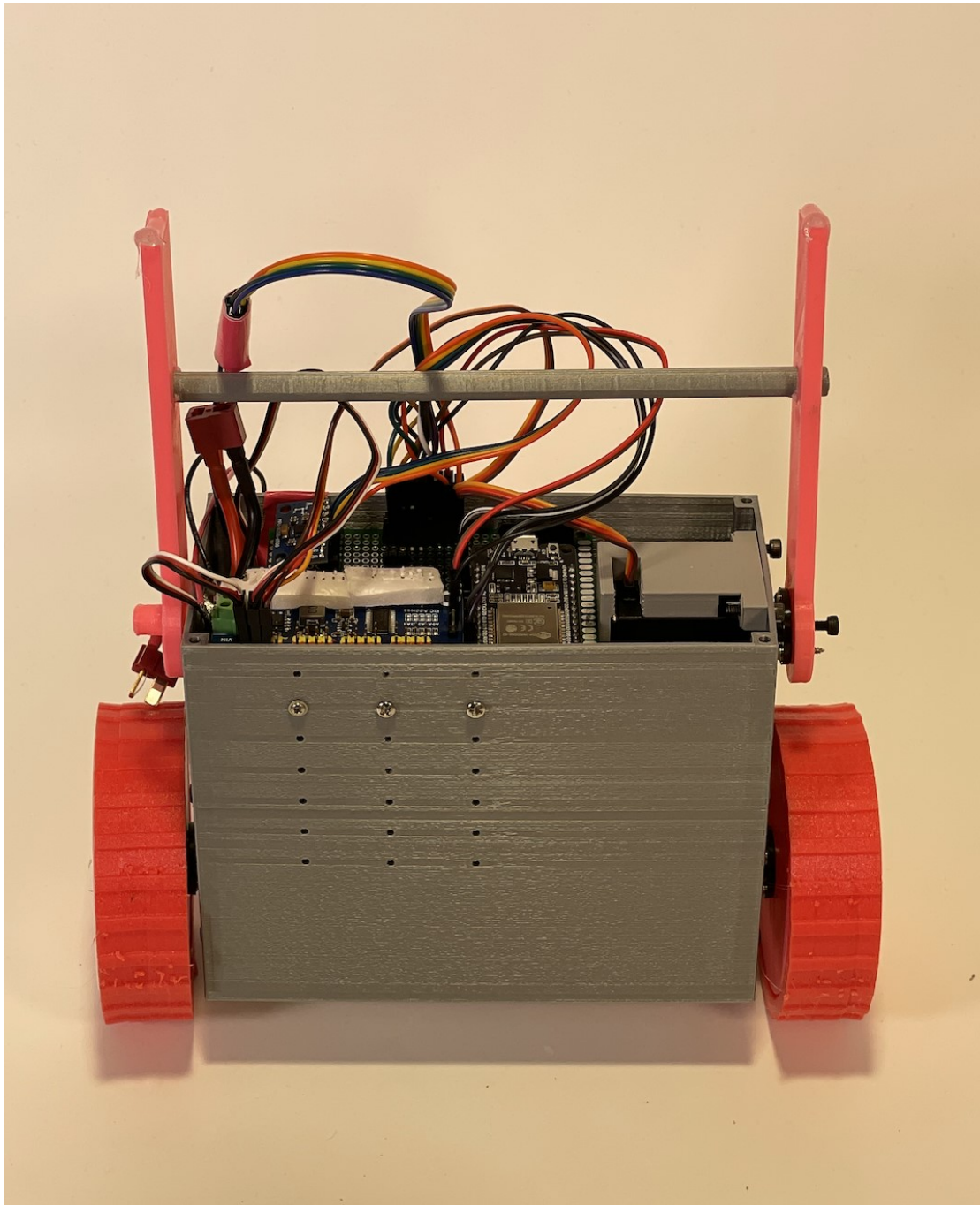
February 2022



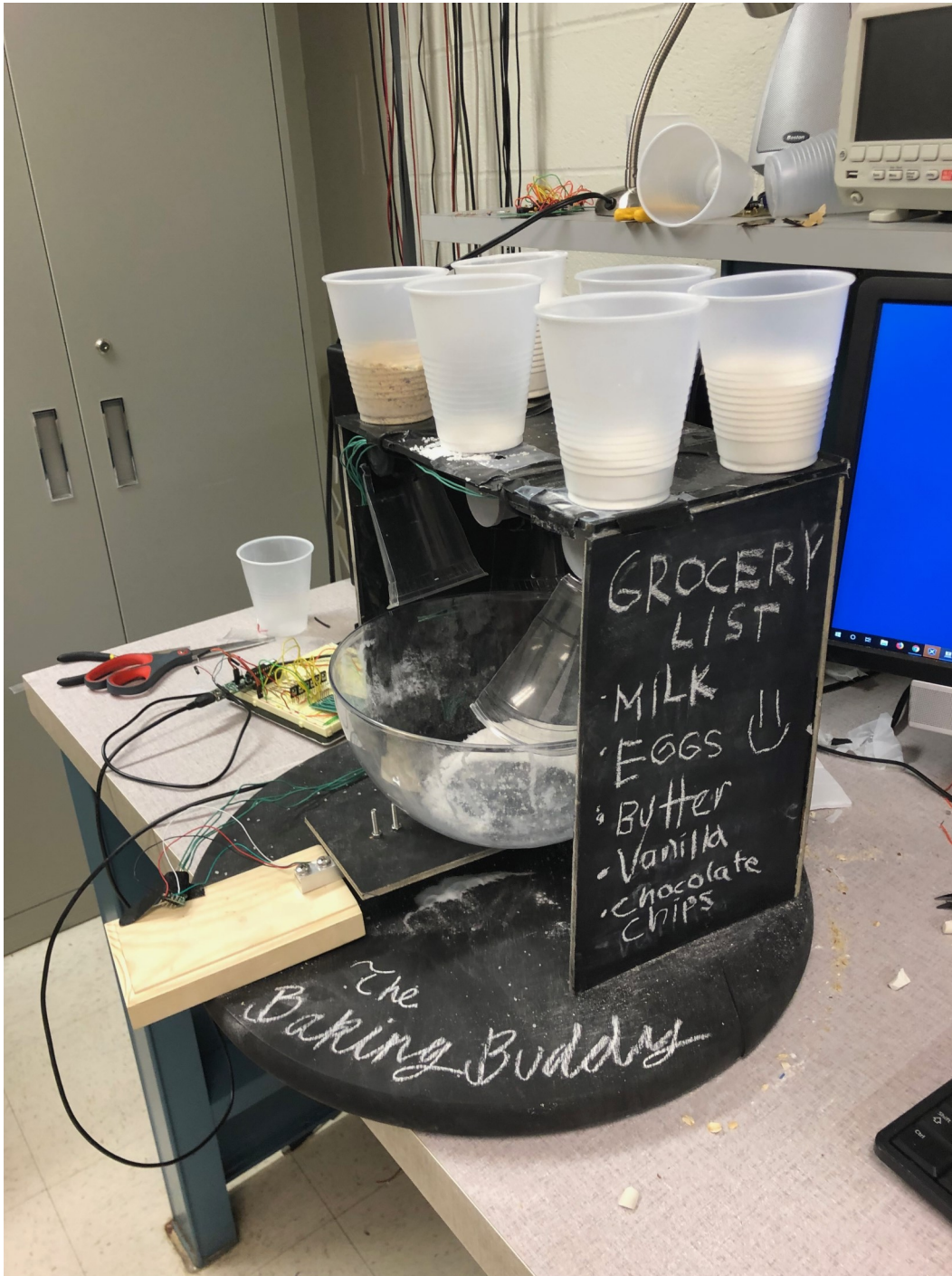
Brachiating robot designed to traverse a monkey bar



Atlas, the ball catcher and tosser robot. The camera inside detects a users face and if they want the ball to center themselves in frame



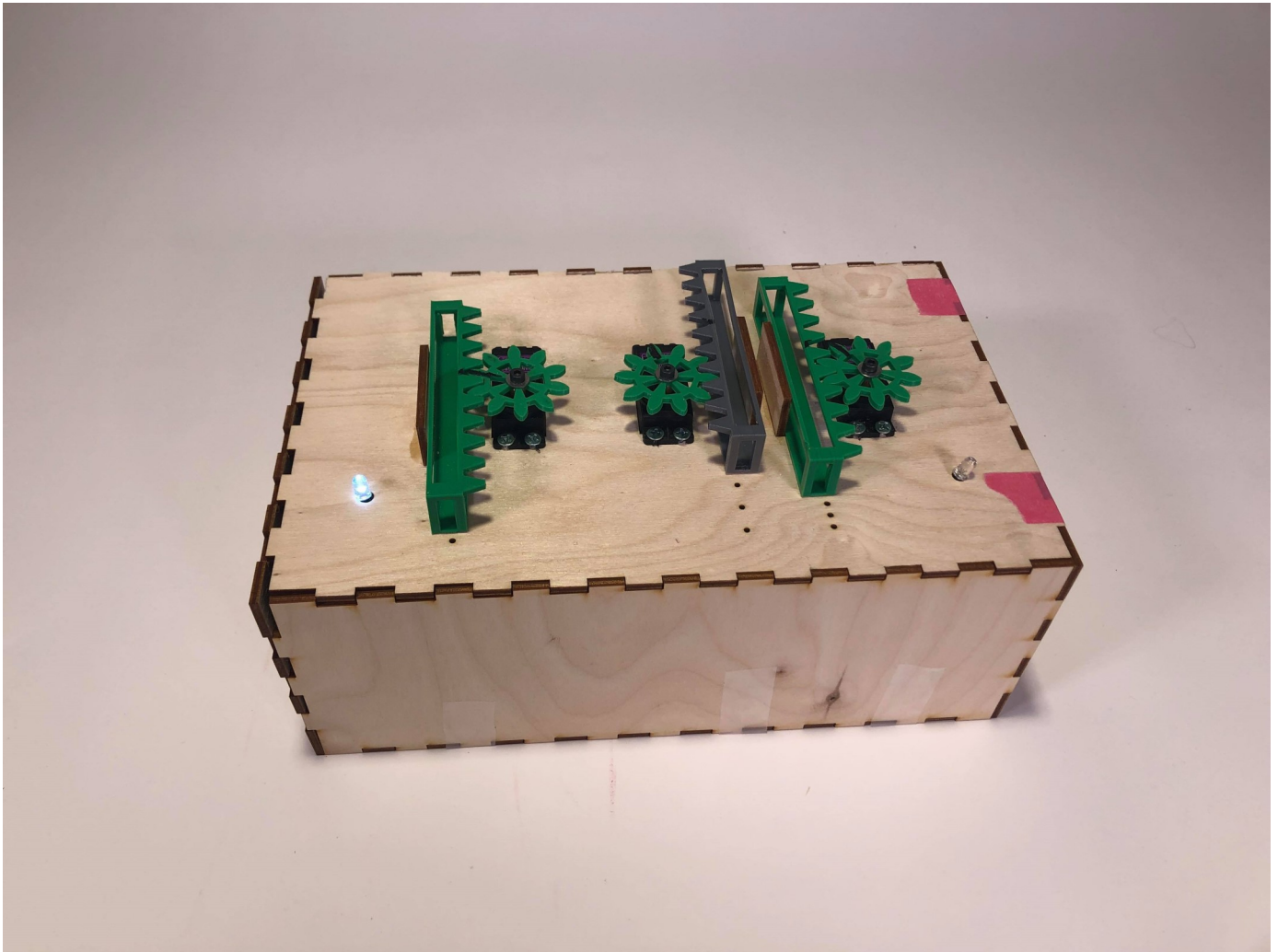
Self Balancing Robot that could pick itself up using its arms and balanced with combined data from a Lidar and an IMU.



The Baking Buddy was a final project for Embedded Systems. Using a force sensor and UART users could specify what ingredients they want as well as how much. The correct amount of the ingredient specified would dispense into their bowl.



A rotating rack and pinion, using software I wrote to write letters from simple equations I also wrote with salt.



Artistic clock designed to display the time using dots by projection, a funny take on dot projection.

Hi, I'm Jordyn Brosemer and I'm an engineer aspiring to work in the field of robotics. I love creating the means for robots to move as well as the designing and building of the robots themselves. I am currently a Master's student at Tufts University, studying electrical engineering in human robot interaction. I will graduate in the winter of 2022. I received my BS from Lafayette College where I studied electrical and computer engineering. Aside from the above hands on personal projects I enjoy hiking, playing instruments and listening to music.



Contact Me

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