June 9, 2023

Currently I'm still trying to learn how to program under reinforcement learning. I've been able to understand the basic concepts, I'm still confused on how to set up the environment in Webots. I've gone over parts of "Reinforcement Learning Course" from FreeCodingCamp, but was confused on how Deep Q Learning worked and Nicholass Renotte's Reinforcement Learning in 3 hours, but my computer couldn't run the pyglet simulation. Right now, I'm using the "GeeksforGeeks Machine Learning and Reinforcement Learning" page and going over the Stanford CS234 Reinforcement Learning Winter 2019. As I continue to learn RL, I've been trying to implement the local camera inside my own robot. I'm planning to possibly use the camera to detect location from the target by measuring the height between two objects. If the ball and the target were both the same heights, it can be assumed they are both next to each other if they;re height are equal. I'm planning to meet up with Chance on both Monday and Wednesday to hopefully get better progress with the project.