

DRLND Report Project 2

Ayman Bin Kamruddin

November 2023

Solution

I have used the DDPG agent and algorithm from earlier on in the course.

Hyper parameters:

- Buffer Size = 1 million
- Batch Size = 128
- Gamma = .95
- Tau = $1 \cdot 10^{-3}$
- Network updated every twenty timesteps

Model is simple deep fully-connected network. Training results are visualised in the plot in the repo directory.

Future performance can be improved by modifying hyperparameters and changing Neural Net model architecture.