

Project 3 - Robot Path Planning and Manipulation

Problem 1-3

A video of my robot planning a path, picking up an object from one bin, and depositing it into another bin can be viewed here: <https://drive.google.com/file/d/1IKUp9WiTManavMyJ-78URn5WJGlY2f7/view?usp=sharing>

Problem 4(a)

Dataset size: I used a dataset of size 300 (270 training images, 30 test images) to train my data segmentation model.

Test Loss: 0.00

Test Mean IoU: 0.99

Ground Truth and Predicted Mask Image:

