

Meeting Minutes

Conference agenda

Detection model optimization

Background

Date: 2023.6.27

Participants: students of IoT

Agenda 1:How to select good datasets for training

Solution:

- 1 select from more different sources
- 2 select some tricky ones that are not easy to identify
- 3 the number of pictures is more than 1000
- 4 select pictures of objects in different environment and background

Person in charge: Peng Yujie, Feng Shiyu

Agenda 2:How to improve the model

Solution:

- 1 beefing up the training datasets
- 2 tweaking parameters

Person in charge: He Xiaochuan

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GUI optimization

Background

Date: 2023.9.28

Participants: students of IoT

Agenda 1:How to optimize the functionality of GUI

Solution:

- 1 Use the picture before detection and the picture after detection to demonstrate difference directly
- 2 Add buttons to shift to the next detected picture

Agenda 2:How to beautify GUI

Solution:

- 1 Add labels to help explain the functionality of GUI

Summary

- 1 Guarantee the simplicity and practicability of GUI

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Preparation for the presentation

Background

Date: 2023.10.9

Participants: students of IoT

Agenda 1: the content of our presentation

Ideas:

- 1 display the training process of our model and data about its accuracy
- 2 display our GUI directly to a teacher
- 3 connect to the car and use our algorithm to detect a cube then show the result

Agenda 2: preparation work for the presentation

Ideas:

- 1 choose a person to practice the presentation
- 2 choose a person to prepare the PPT
- 3 choose a person to display our detection model and GUI

Person in charge: Peng Yujie(presentation)

Feng Shiyu(PPT) He Xiaochuan(display)