

Individual Contribution

Hengchen Zhou 45281656

Own contribution:

Designing part

1. Come up with idea of the gesture recognition part
2. Classify the gesture status into 5 class
3. Design the hand gesture recognition model

Programming part

1. gesture_label.py
This script is written to label the picture with gesture status label and form the json file
2. gesture_data.py
This script is written to combine the label information in json file with the image data
3. hand gesture recognition.ipynb
This is the hand gesture recognition model built to judge the current gesture status

Reportg part

1. Part 4 the "Description of Technical Approach"
2. Part 7 the "Discussion and Conclusion"

Joint contribution

Designing part

1. Contribute to the designing of the pose estimation model
2. Collaborate to the combined model

Programming part

1. hand gesture recognition2.ipynb
This is the combined gesture recognition model to judge the current gesture status

Reportg part

1. Part 6 the "Experiments and Evaluation"