* For an overview of the entire project’s hardware and software systems, please refer to the [Project\_Overview.pdf.](https://github.com/SJ-Bonnie-Yang/YOLOv5_Lego_Color_Recognition_and_Robot_Control/blob/a50a8c504fda50e1ebd3020b02ef3e57d3c0cea1/Project_Overview.pdf)
* For detailed steps involved in the project, please see the [Operation\_Manual.pdf](https://github.com/SJ-Bonnie-Yang/YOLOv5_Lego_Color_Recognition_and_Robot_Control/blob/a50a8c504fda50e1ebd3020b02ef3e57d3c0cea1/Operation_Manual.pdf).
* After completing the project, I reorganized the code, resulting in changes to the filenames. The original filenames have been updated as follows:
  + Take\_Read.py => camera\_capture.py
  + coord\_trans.py => coordinate\_conversion.py
  + real\_to\_motor\_write\_txt\_test.py => motor\_movement\_control.py