

# 'Ta Dirjanu' Website Product Image Background Remover Program

This document describes the Python program used to remove the background from product images of the 'Ta Dirjanu' website.

**NOTE:** Some products which have a low contrasting colour with the background may not have perfect results using this program.

Required modules and packages:

- Python v3: <https://www.python.org/downloads/>
- OpenCV module for Python: <https://pypi.org/project/opencv-python/>
- Numpy module for Python: <https://numpy.org/install/>

The program works by taking as input the *.jpg* files found in the 'images' folder. Each image found in this folder will be processed and will have its background removed, then the resulting image will be stored in the 'result\_images' folder, with its respective name.

To run the program, open a command-line terminal in the directory of the Python program and run the following command;

## **python3 background\_remover.py**

This command will run the Python v3 interpreter on the program and execute the code. The resulting images can be found in the 'result\_images' folder. The background is removed and set only to white pixels, which corresponds with the images without a background in the 'Ta Dirjanu' website.

If you have any queries or difficulties, contact me via email: [nicholasmasini1998@gmail.com](mailto:nicholasmasini1998@gmail.com)