

Digital Image Processing Final Project

Objective: Select a topic and implement image-processing applications.

1. Projects from Githubs: [Examples](#)

- Deblur
- Derain
- Denoise
- Dehaze
- Or Desnow
or

2. Do image processing on a selected video and then save the results in another video.

For (toy) example: [video2frames.py](#), [frames2video.py](#), [drop.avi](#), [drop3.avi](#), [output.avi](#)

Some examples: [NUK Moodle 4.0](#)

Project Due 2025/6/4

1. Title page
2. Introduction
3. Program structures including flowcharts and descriptions of procedures.

Project demo, 2025/6/4

Final project report, source codes, images, and executables must be handed in.

Requirements:

Each project can be done by three or four people. Each project must be demonstrated in the classroom on 2025/6/4.