

Homework 3: Image Processing

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In this homework you will do basic image manipulations. I suggest you use Julia, but you may use Matlab, Python, or your preferred coding language.

- (a) Load and display one color photo of yourself.
- (b) Transform your photo to grayscale, and display it.
- (c) Transform your photo to black and white using three different thresholds of your choice. Display the results.
- (d) In your image, select a window of random size in a random location, and display it.
- (e) Resize your image to size 512×512 . Display the result.

Deliver your code for each of the points above.