

Image Processing

ECE 4367 / ECE 5367

Project 3

Propose and implement an algorithm that may be used to automatically determine the rank and suit of a playing card.

Your script is to begin with acquiring an image of a card and end with the declaration of the rank and suit of that card.

You are to form a group with one other student and turn in a single project.

Turn in the following:

- 1) The code
- 2) A single document that includes
 - a) List of assumptions
 - b) Algorithm pipeline
 - c) Subset of results
 - d) Brief description of contribution of each group member
 - e) List of references
- 3) A short video demonstrating your approach with a variety of cards

Note that your results must be reproducible.

Archive your files (zip only) into a single file named: lastname1_lastname2.zip and upload to Blackboard before the deadline.