**CS 6384.001 Computer Vision**

**Instructor: Prof. Haim Schweitzer**

**Programming Assignment 2**

Submitted By:

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**Approach**

1. We narrow down the search area for the eyes to 3/5 of the height of the region where a face is detected
2. This improves our accuracy in detecting images with a wink
3. We are able to detect most of the cases where there is a wink.

**Running the Code**

1. Open terminal.
2. Go to the directory containing the python files.
3. Run the following commands:

> python3 part1.py old-images

> python3 part2.py new-images