

COMPUTER VISION

CIS581-FINAL

PROJECT

CHECKPOINT 1

OPTION 2

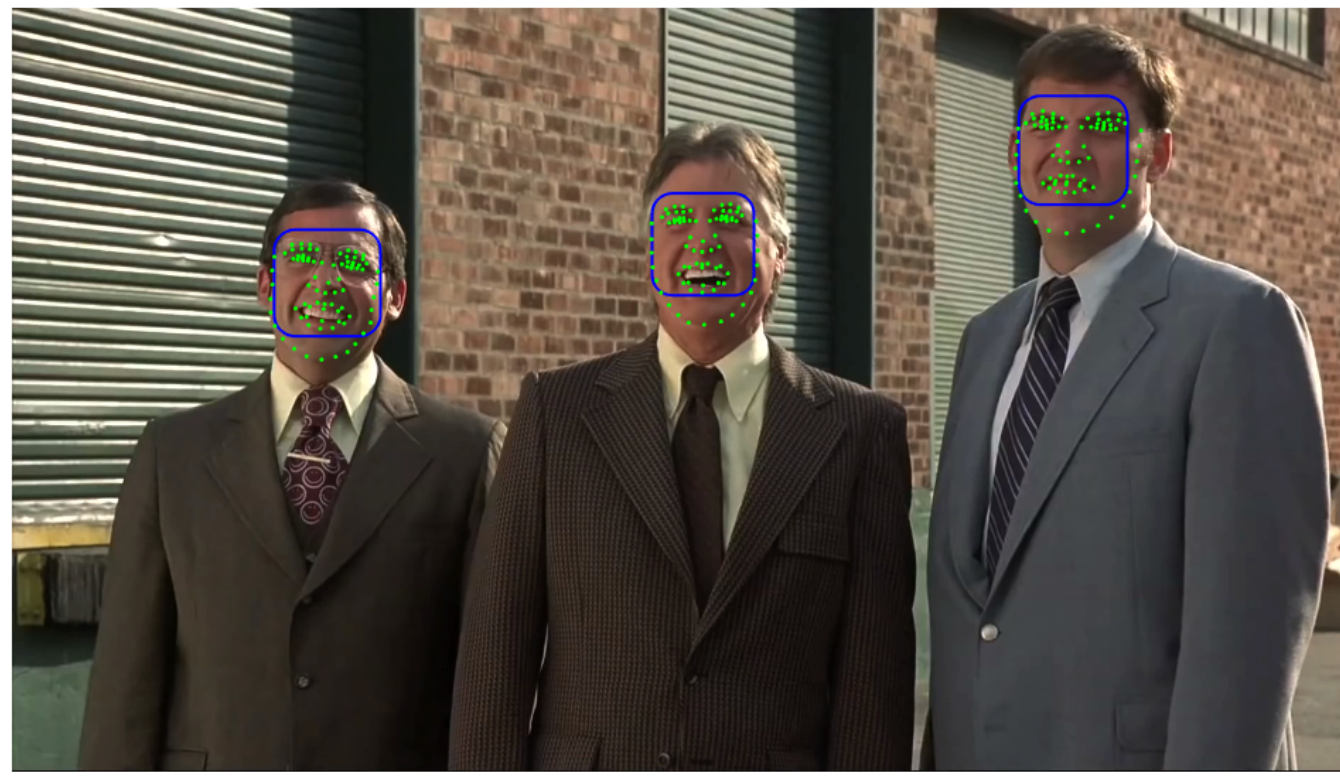
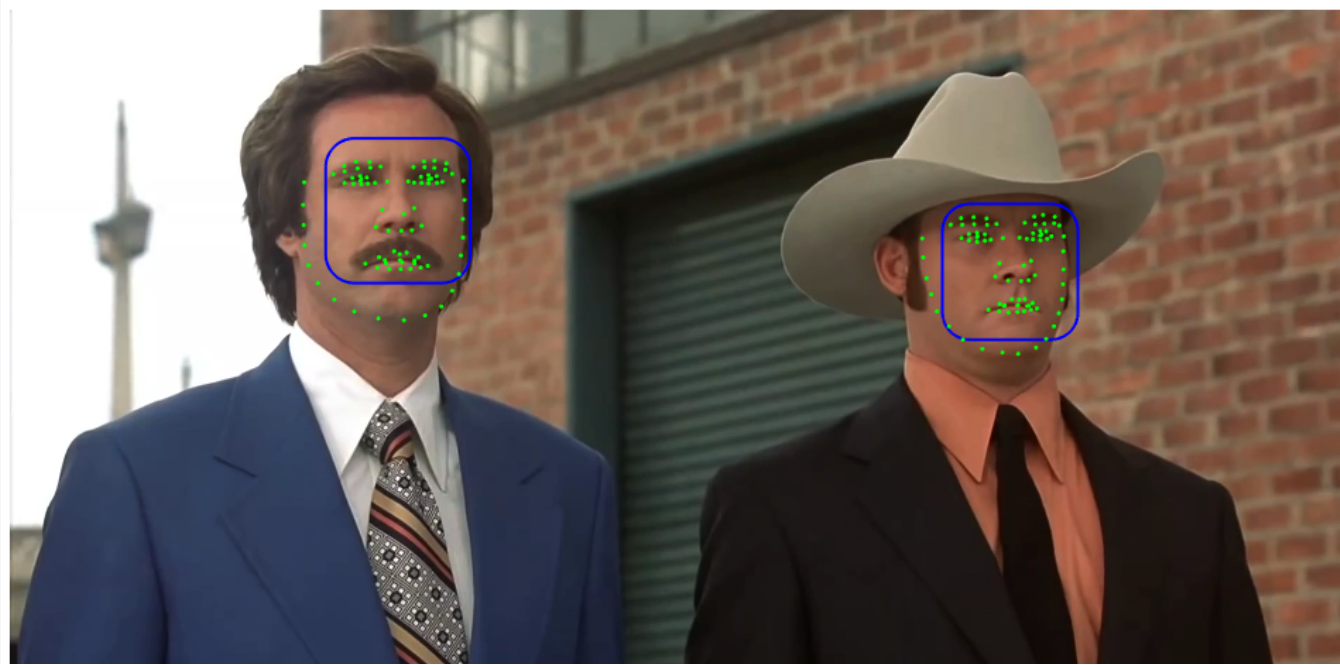
12/03/2015

Jingling Li

Tianli Han

Face
Detection
progress

- Picture from easy segments
 - Used Face++ API to detect faces and find facial landmarks
 - The results look very good on front poses
 - Face++ used large-scale machine learning, data mining to detect facial points along with other information in the image
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- However, Face++ may not be able to detect faces at different poses (the lower image)
 - The facial landmarks are skewed for non-front poses as well
 - Therefore, we may need to write our own algorithm to find faces at different angles or use motion compensation to help the recognition results
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