MUHAMMAD & HELMY

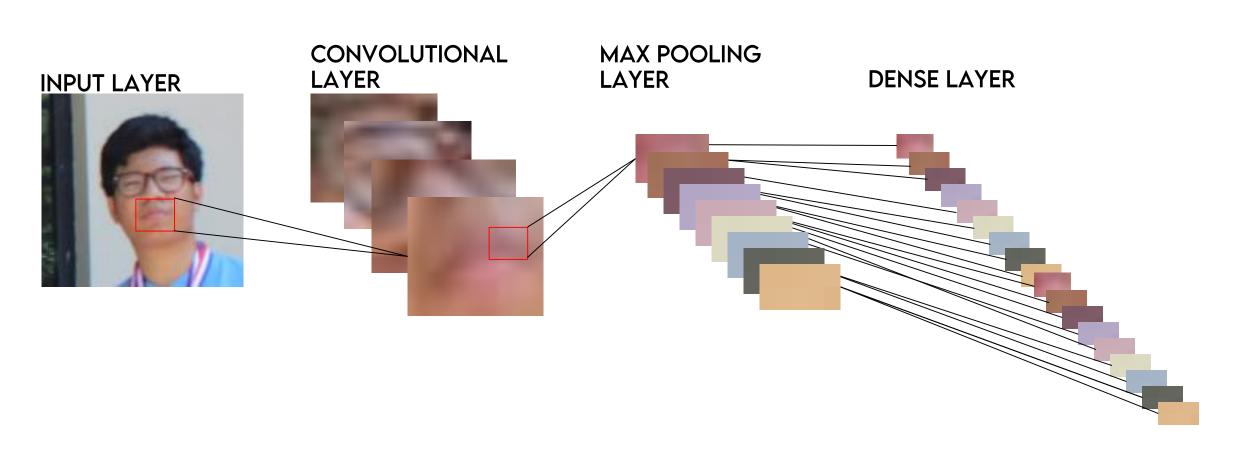
CONVOLUTIONAL NEURAL NETWORK (CNN)
EPISODE 6



TYPE OF ARTIFICIAL
NEURAL NETWORK USED
PRIMARILY FOR IMAGE
RECOGNITION AND
PROCESSING, DUE TO ITS
ABILITY TO RECOGNIZE
PATTERNS IN IMAGES



HOW IT WORK? CONVOLUTIONAL NEURAL NETWORK CONSISTS OF MULTIPLE LAYERS LIKE THE INPUT LAYER, CONVOLUTIONAL LAYER, POOLING LAYER, AND FULLY CONNECTED LAYERS.

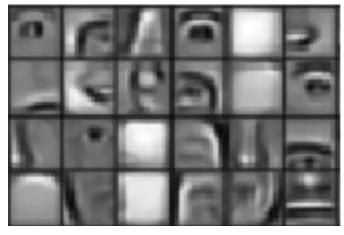


HIGH LEVEL FEATURES



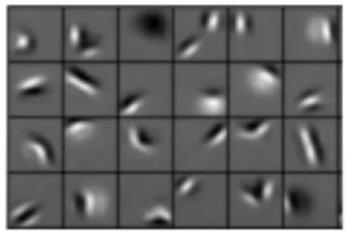
FACIAL STRUCTURE

MID LEVEL FEATURES



EYES, EARS, NOSE, MOUTH

LOW LEVEL FEATURES



EDGE, DARK SPOTS