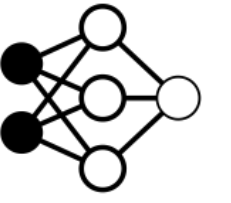
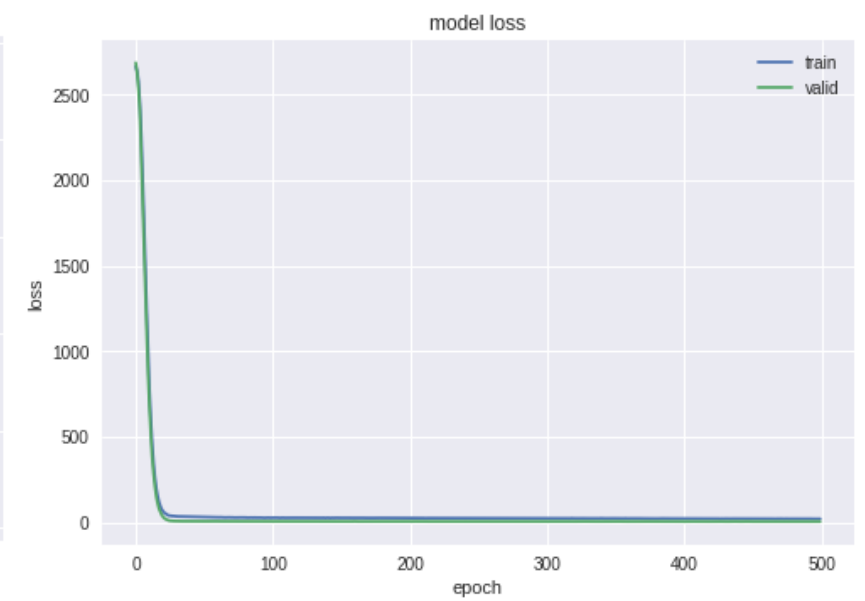
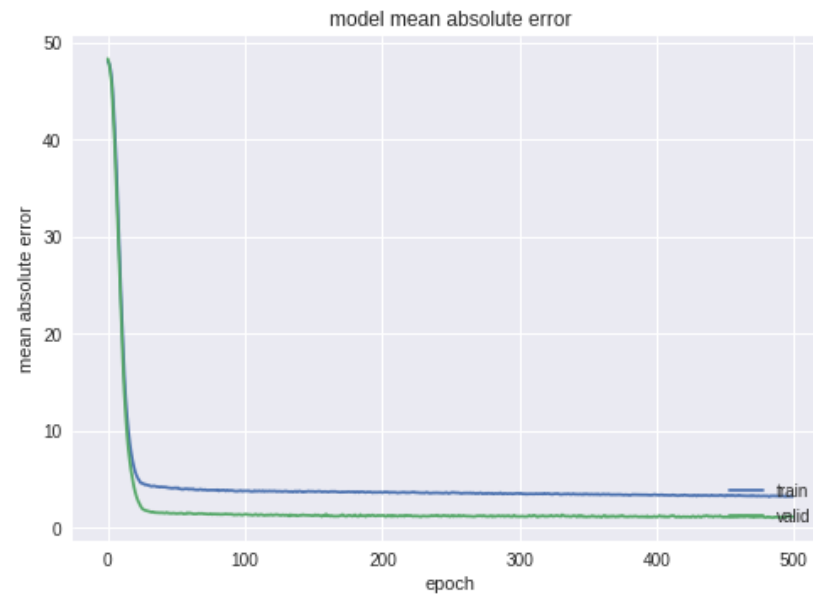
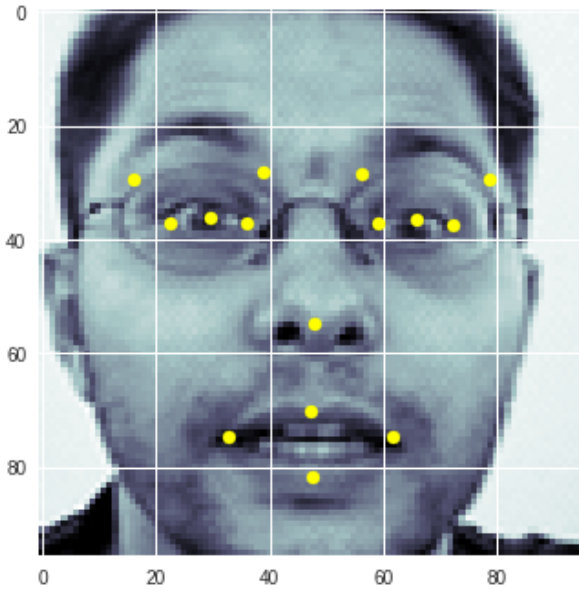


FACIAL KEYPOINTS DETECTION



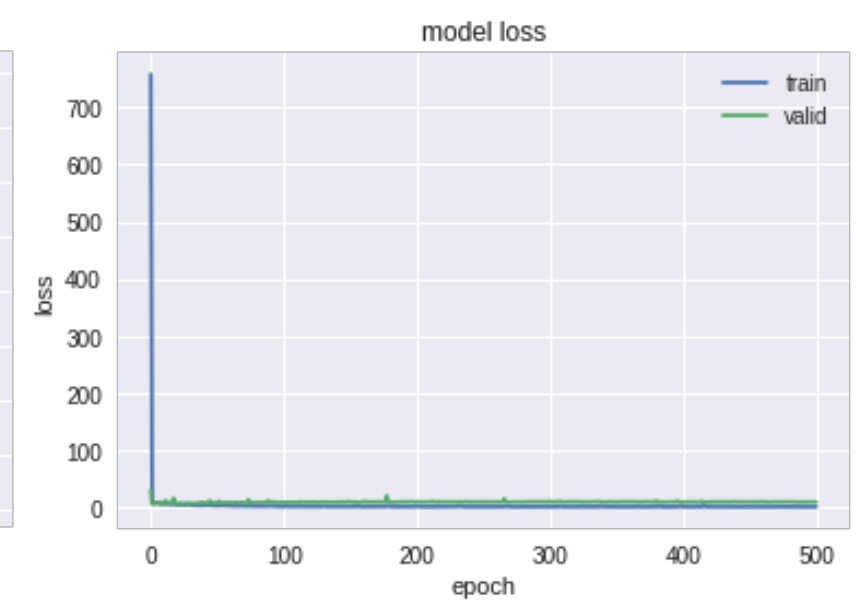
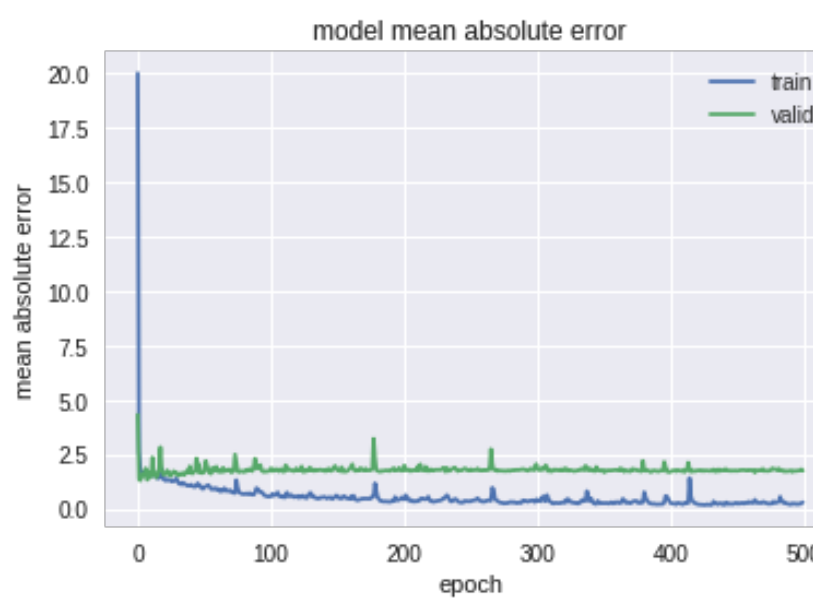
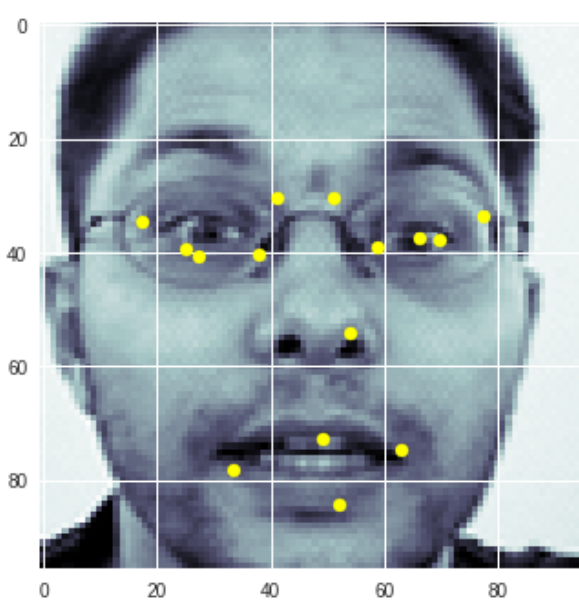
Fully Connected NN

Parameter 1.2 Mio
 Train MSE 19.9
 Eval MSE 4.5
 Model Specs:
 - Batchnorm



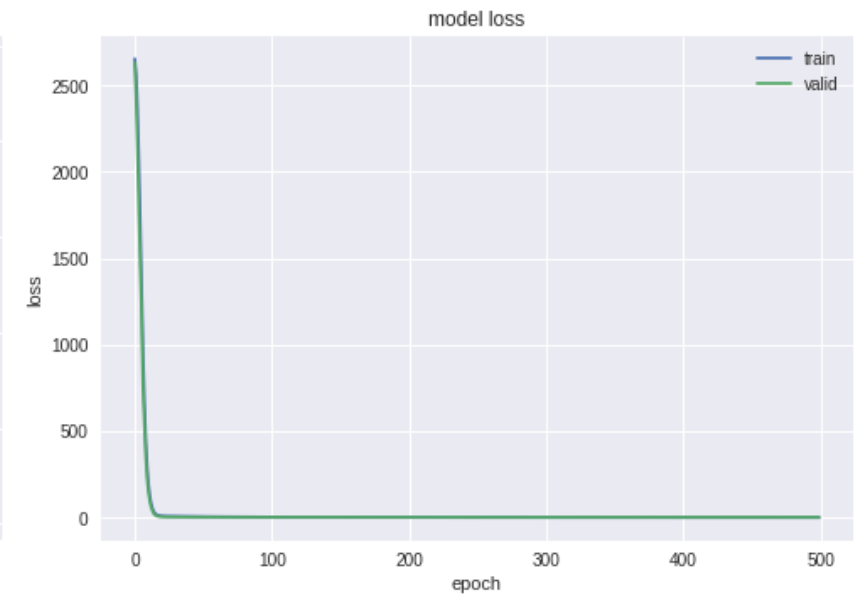
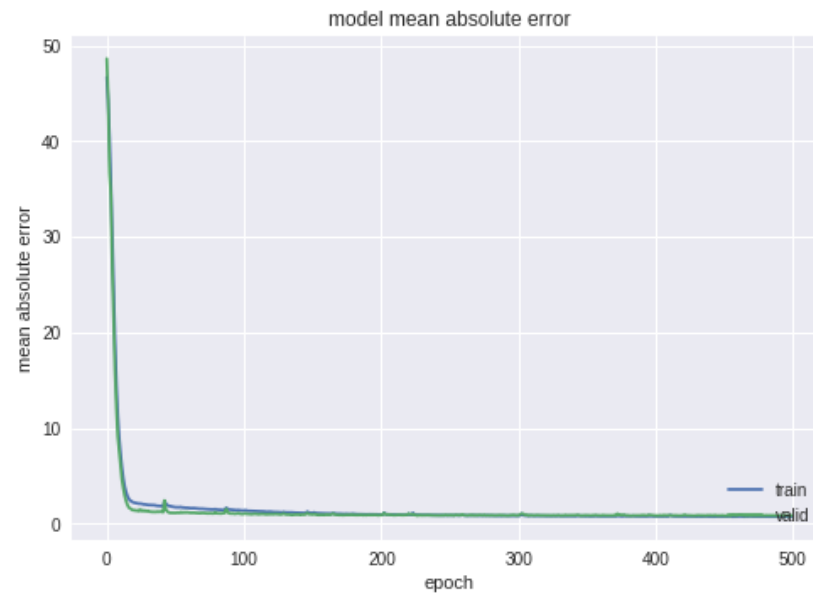
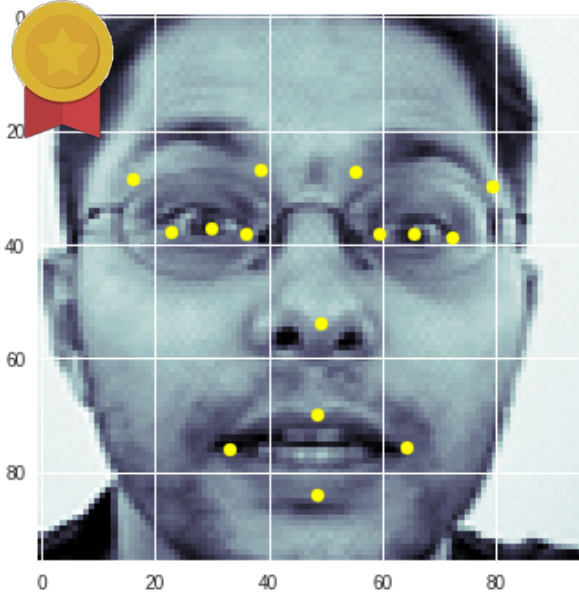
CNN

Parameter 9.4 Mio
 Train MSE 0.3
 Eval MSE 8.5
 Model Specs:
 - Without Dropout
 - Without Batchnorm
 - Without Max Pooling



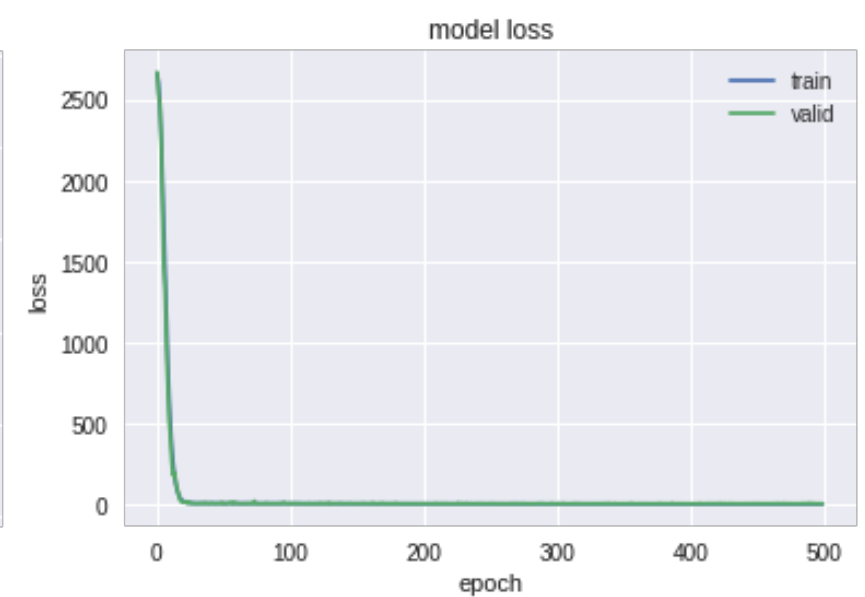
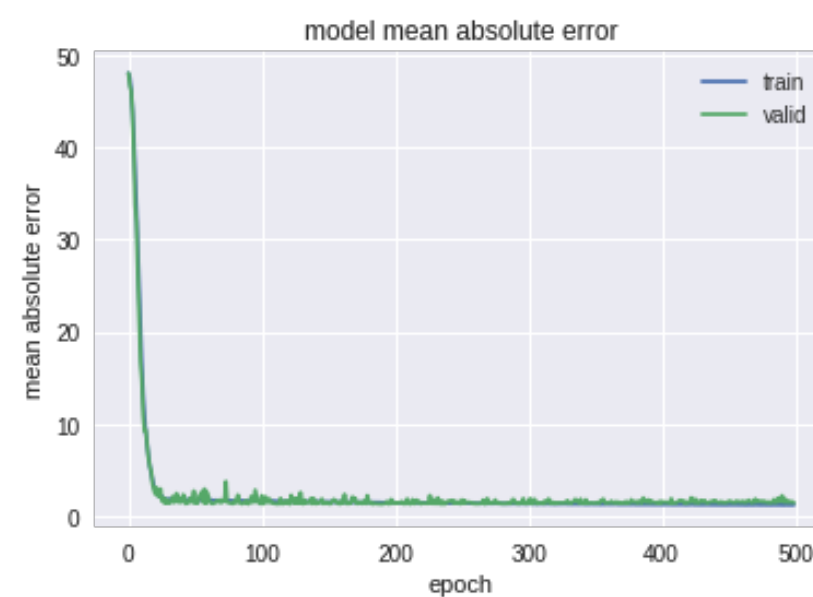
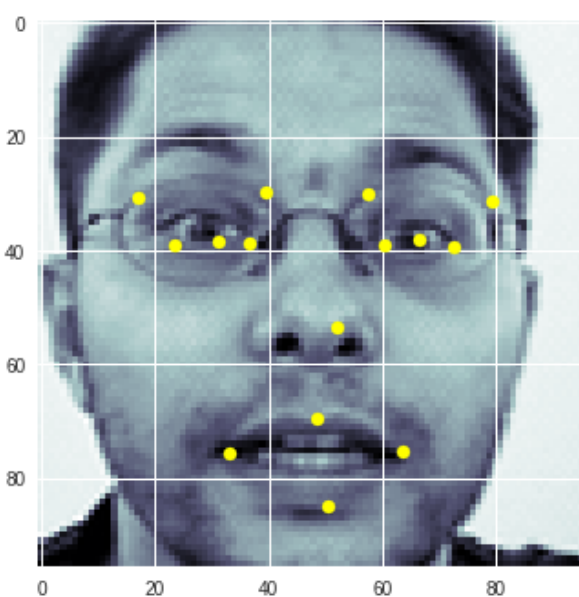
CNN

Parameter 2.4 Mio
 Train MSE 1.2
 Eval MSE 2.6
 Model Specs:
 - Dropout
 - Batchnorm
 - Max Pooling



VGG16

Parameter 0.3 Mio
 Train MSE 2.8
 Eval MSE 4.5
 Model Specs:
 - Dropout
 - Batchnorm



DOES IT PERFORM WITH OUR FACES?

