



## Lab 8; Face Recognition

by

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in

Machine Learning - IKT213

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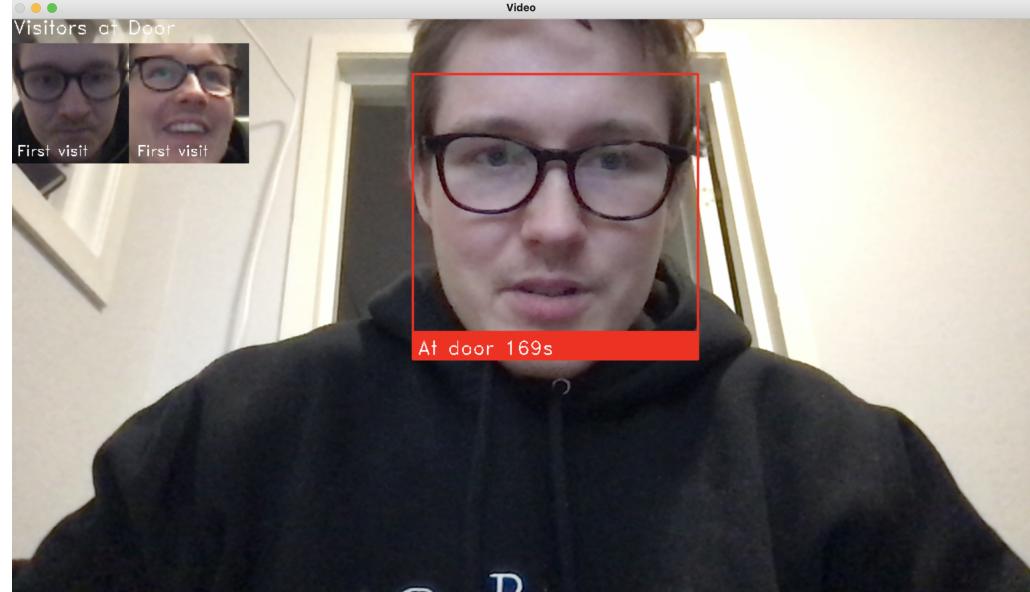
Grimstad, October 2021

## Lab 8, tasks

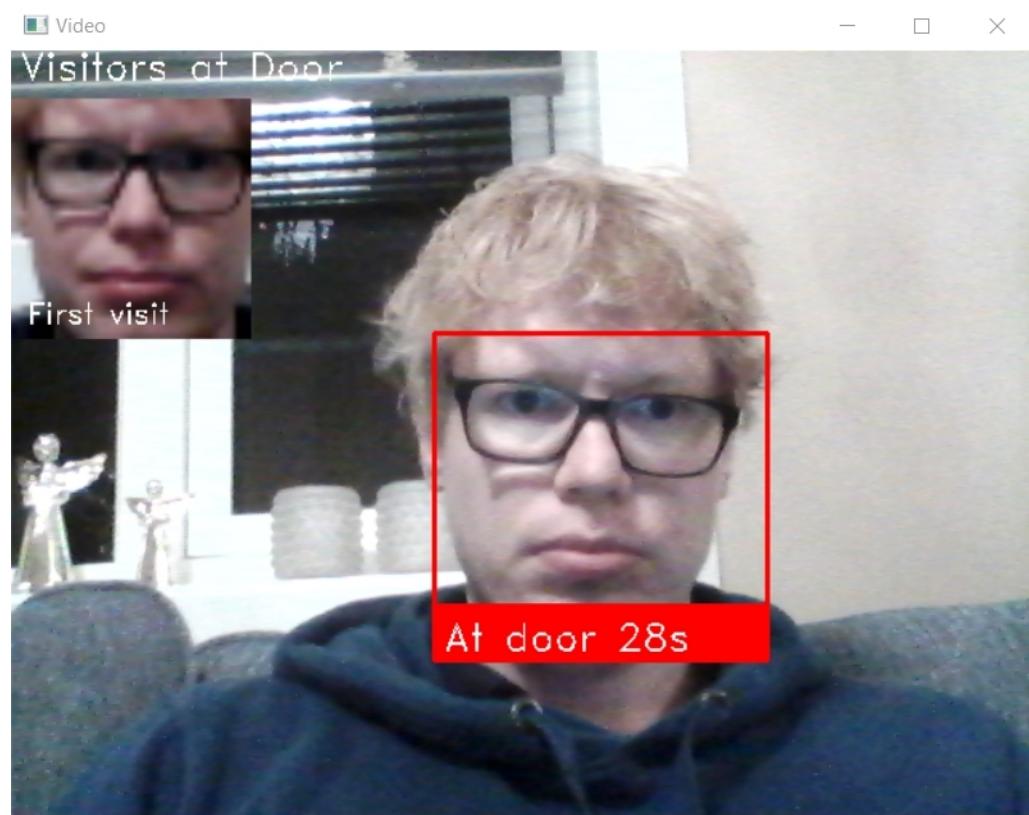
This lab assignment we are using ageitgey to do face recognition. ageitgey enables us to utilize face recognition for many different scenarios. In this lab we will first use it like a doorbell camera, and in the second task we will quickly see its ability to connect faces in different images.

### Doorbell camera

Of Olav:

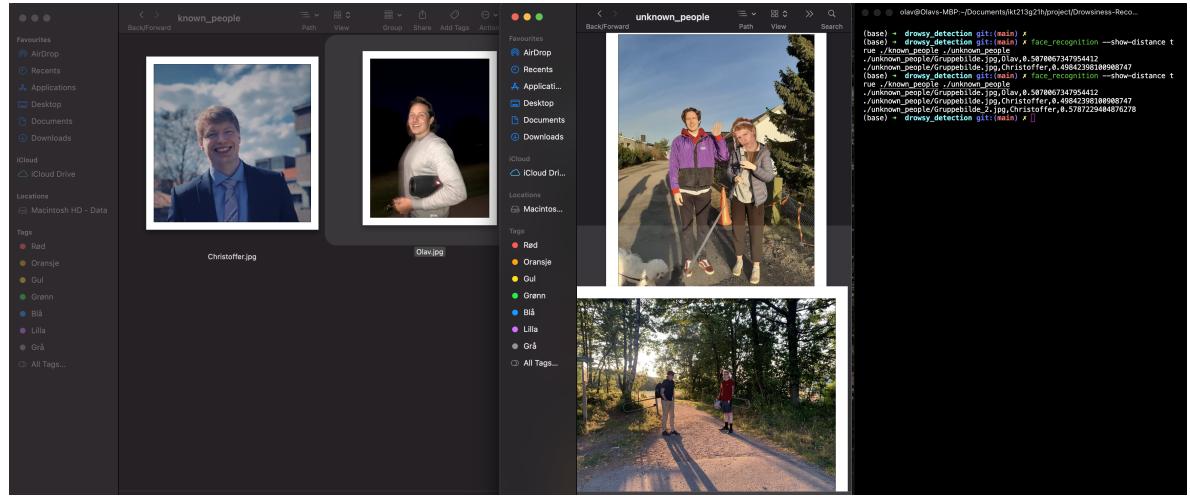


Of Christoffer:



Using this we can see that the application saves the image from when the face is first detected. it will also show it when it recognizes the face.

## Distinguishes different faces in group photo



Here we have the individual images in the "known" folder and our group image in the "unknown folder". We also added another image to experiment on how good the face recognition was when using sunglasses, which you can see in our terminal output, where only Christoffer was detected.