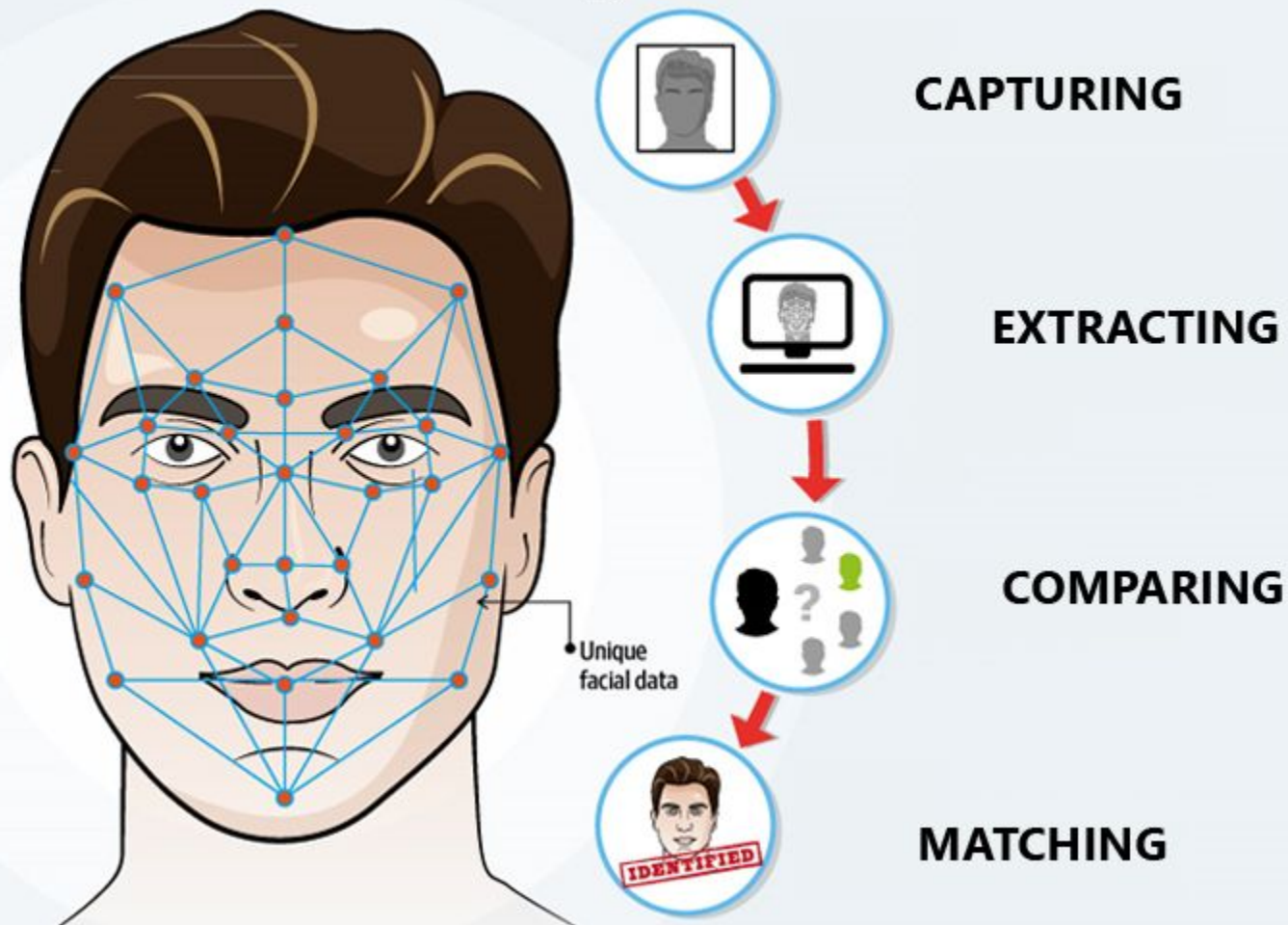

Person Recognition : Face Detection

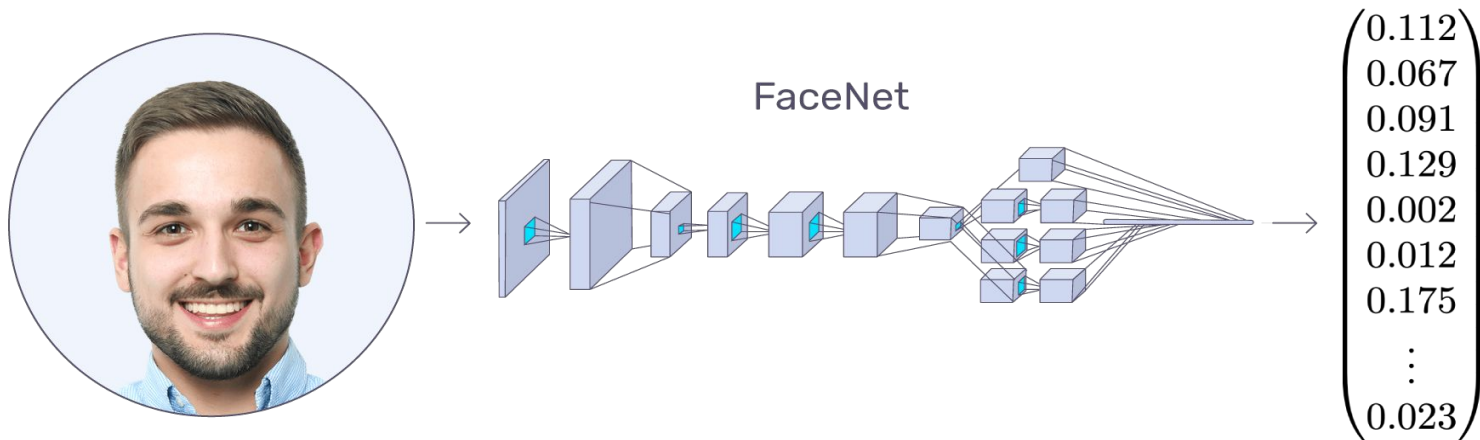
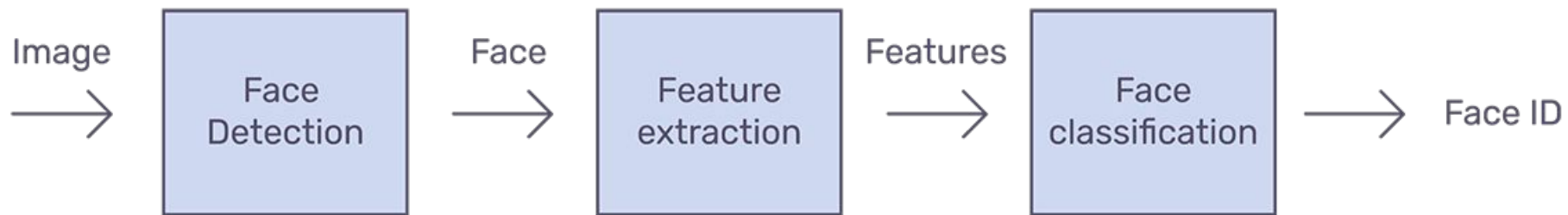
— Ihor Volokhovych master's 1st
grade MMAI —

Introduction :

1. What is face recognition?
2. Why do we need it?
3. Is it really that difficult or relatively easy?

Biometrics Face Recognition - How does it Work?









Test image

Resize



Image pyramid

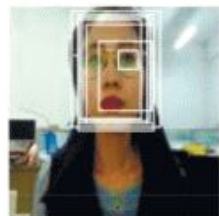
Stage 1
P-Net



Bounding
box production



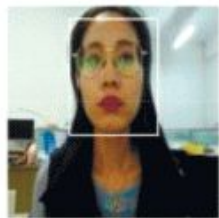
Stage 2
P-Net



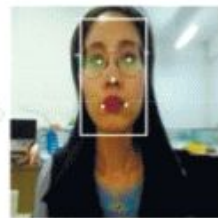
Refine bounding box



Stage 3
P-Net



NMS& Bounding
box regression



Thanks!

All sources could be found at
https://github.com/antomys/Face_Recognition or scan
QR-code :)

