

# CS696E Progress Update 4

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# Where I'm At Now

- Face clustering works!
  - It's not perfect, but nothing in life is
  - Uses a Python front-end of the C++-based dlib library's 128-dimensional face encoder for encoding faces (previously I was using a 512-dimensional encoder)
  - Still using the Dual Shot Face Detector model for detecting faces and obtaining bounding boxes

# What's Next?

- Tidy up code, have necessary information displayed (unique people + counting who appears most in different photos), pass off to Jagath
- Get back to age/gender recognition
- Open to other ideas