# Level 4 Project

Week 3 Meeting

# Setup

- Going to make a Trello board for issues
  - More visual compared to Github's own
- Sent computer cluster registration form, training is in 3 weeks

# Dataset

- Followed different tutorials on reading and resizing images
  - Issue with PIL not dealing with TIF images well --> move to skimage
- Tried out different techniques, worked on Python notebook (Github)
  - What resolution do we want for the pictures?
- What pictures are we using?
  - Question about the prediction task we are making

# Autoencoder

- Followed Chollet's tutorial to build a simple convolutional autoencoder
  - Made sure it ran
- Read about using clustering algorithms with autoencoders

# In the week to come

- Setup Trello
- Setup a bigger dataset with the functions I'm currently using
- Applying learnings about clustering + autoencoder to what I currently have
- Hopefully by the end of the meeting I have a clearer picture of how you want the data to be used and exploited for to prepare a clearer plan for weeks to come