



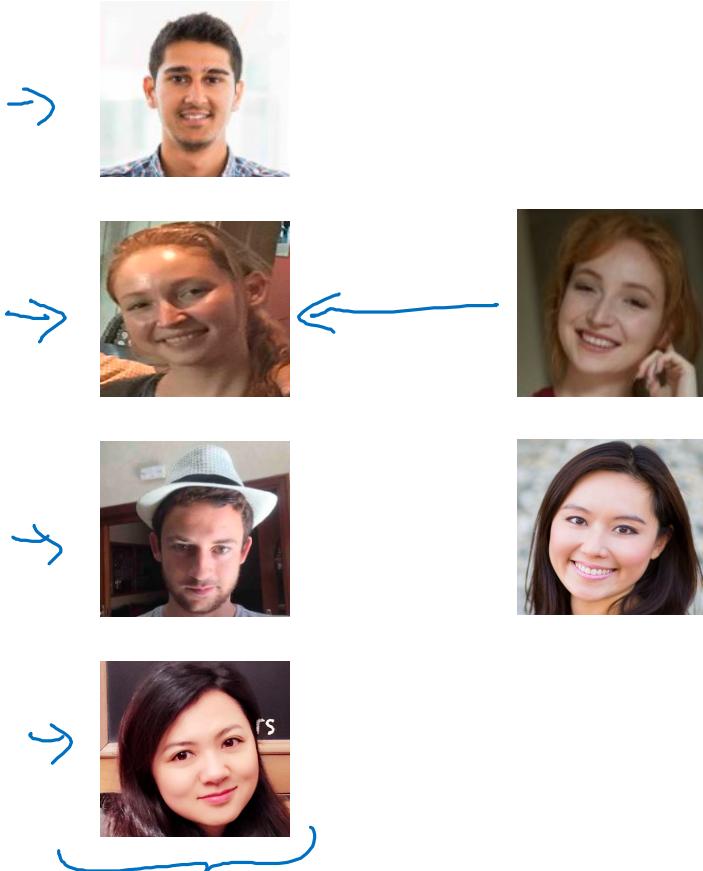
deeplearning.ai

# Face recognition

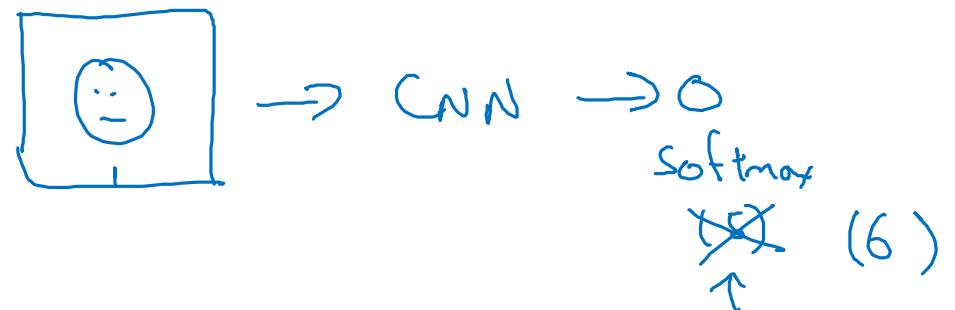
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# One-shot learning

# One-shot learning



Learning from one  
example to recognize the  
person again



Andrew Ng

# Learning a “similarity” function

→  $d(\underline{\text{img1}}, \underline{\text{img2}})$  = degree of difference between images

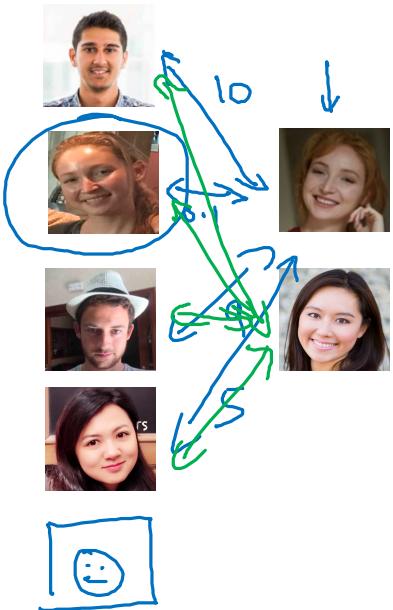
If  $d(\text{img1}, \text{img2}) \leq \tau$

$> \tau$

“same”

“different”

} Verification.



$$d(\text{img1}, \text{img2})$$

Andrew Ng