



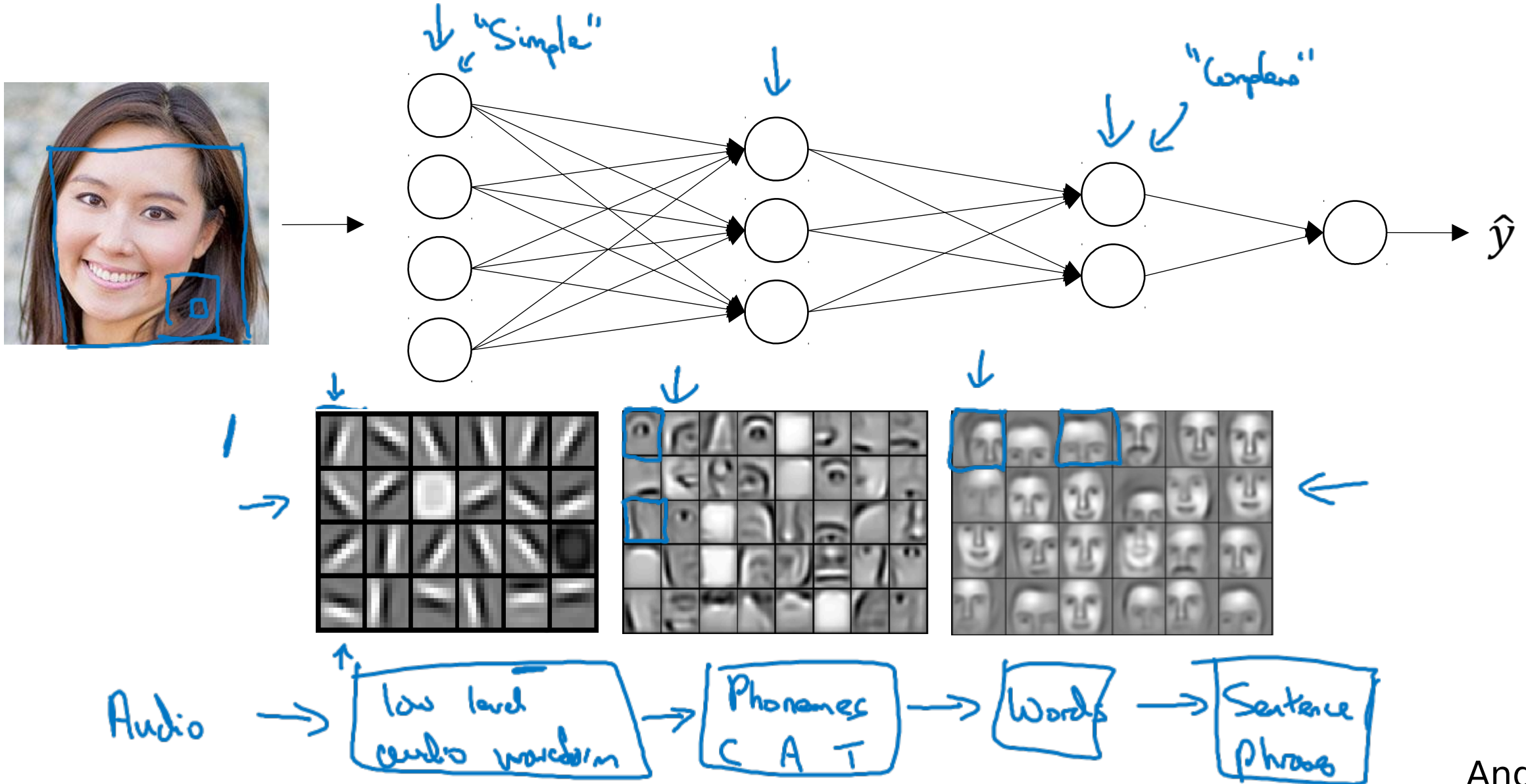
**deeplearning.ai**

# Deep Neural Networks

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Why deep  
representations?

# Intuition about deep representation



# Circuit theory and deep learning

Informally: There are functions you can compute with a “small” L-layer deep neural network that shallower networks require exponentially more hidden units to compute.

