

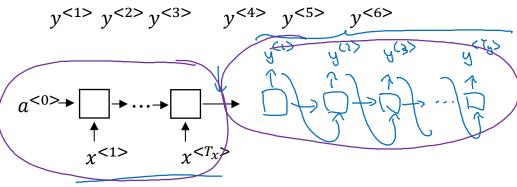
Sequence to sequence models

Basic models

Sequence to sequence model

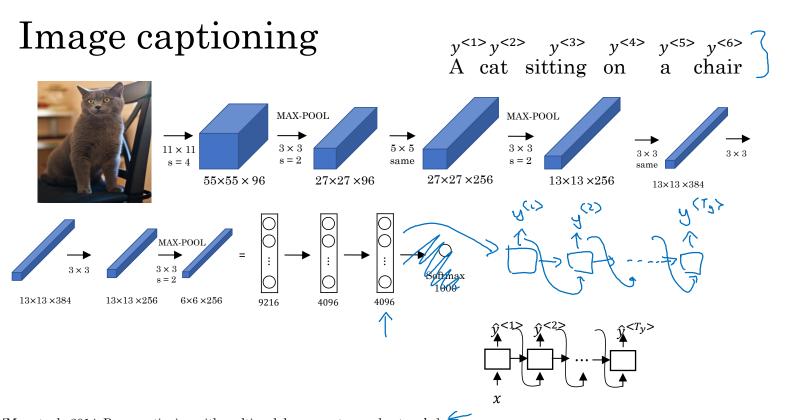
 χ <1> χ <2> χ <3> χ <4> χ <5> Jane visite l'Afrique en septembre

→ Jane is visiting Africa in September.



? how so deathe 1x.17

[Sutskever et al., 2014. Sequence to sequence learning with neural networks]



[Mao et. al., 2014. Deep captioning with multimodal recurrent neural networks] [Vinyals et. al., 2014. Show and tell: Neural image caption generator]

[Karpathy and Li, 2015. Deep visual-semantic alignments for generating image descriptions]