

Sequence to sequence models

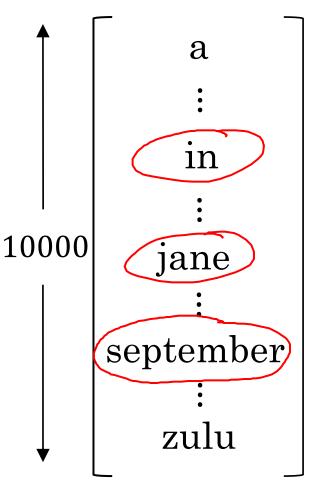
Beam search

Beam search algorithm

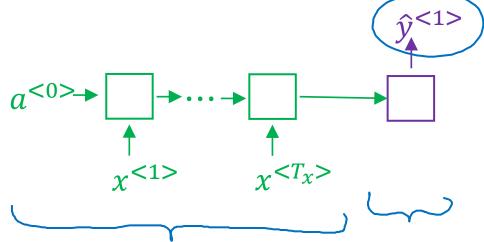
B = 3

(beam width)

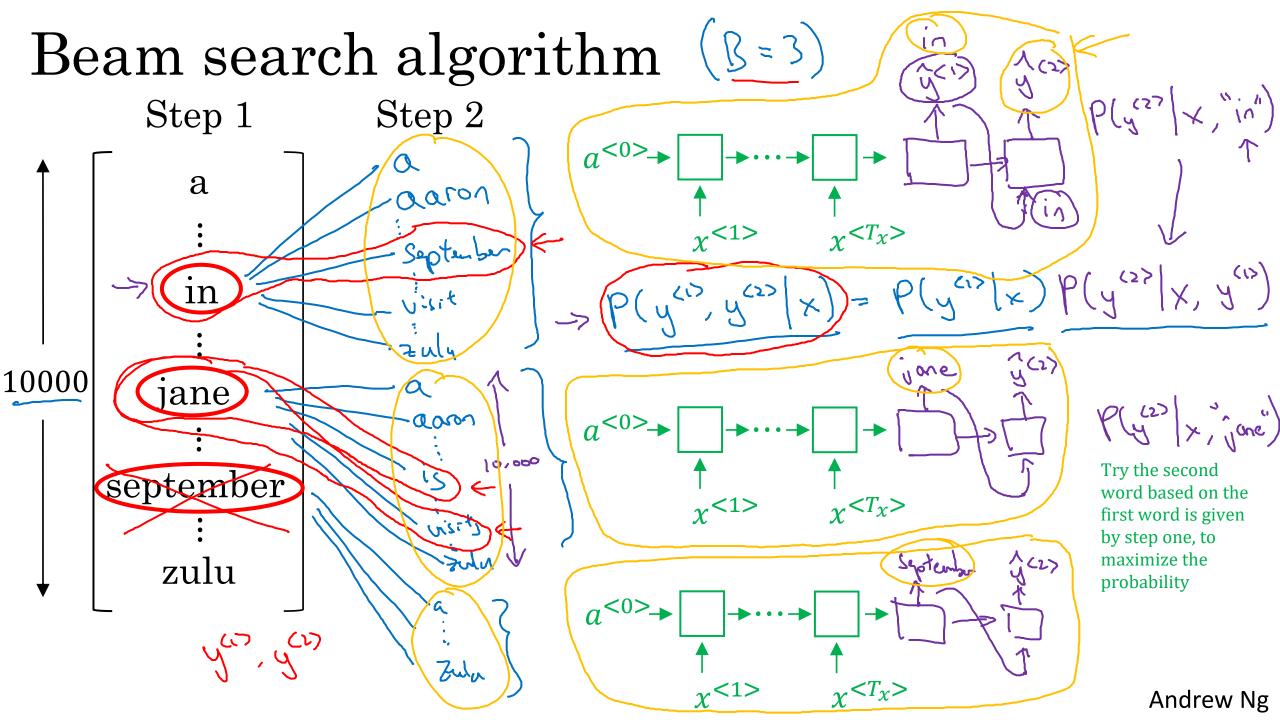
Step 1







Try all possible word as the first word, and choose the top 3 which maximize the probability.



Beam search (B = 3)

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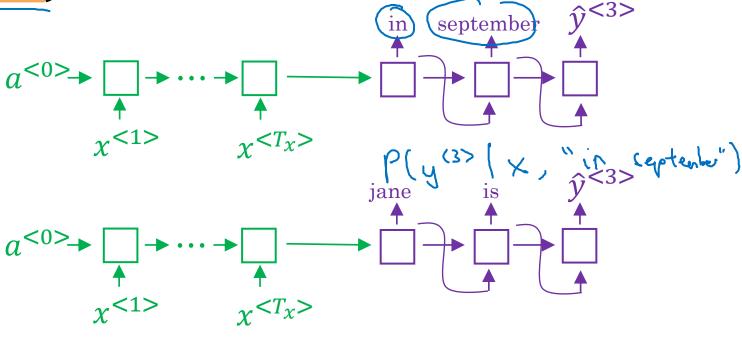
$$(B=3)$$

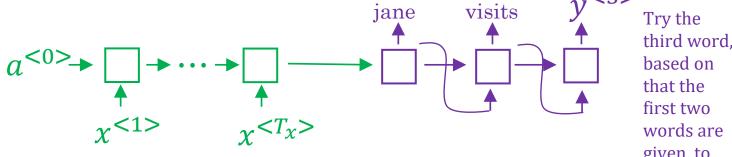






$$P(y^{<1>}, y^{<2>} | x)$$





jane visits africa in september. <EOS>

that the first two words are given, to maximize the probability.