

COMP9444

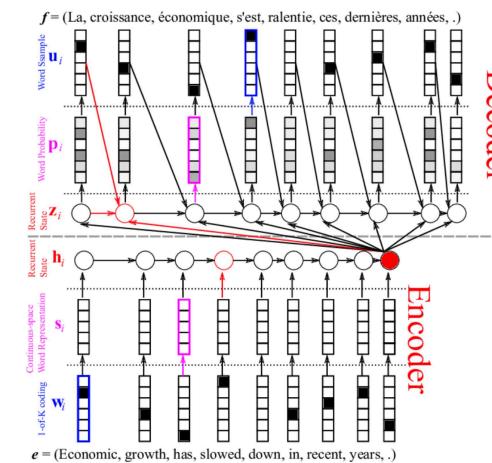
Neural Networks and Deep Learning

7a. Language Processing

COMP9444

©Alan Blair, 2017-20

Neural Translation



COMP9444

©Alan Blair, 2017-20

COMP9444 20T3

Langage Processing

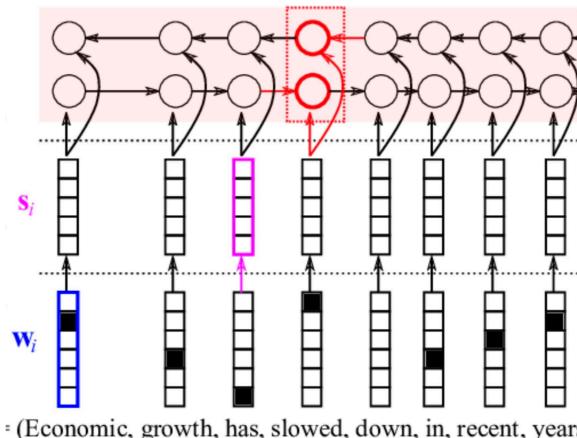
2

COMP9444 20T3

Langage Processing

3

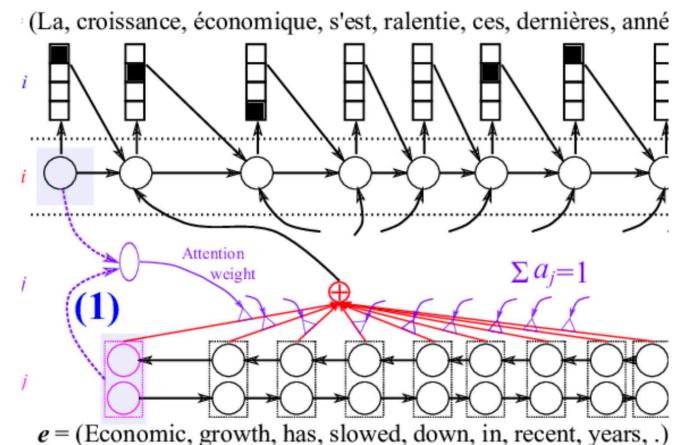
Bidirectional Recurrent Encoder



COMP9444

©Alan Blair, 2017-20

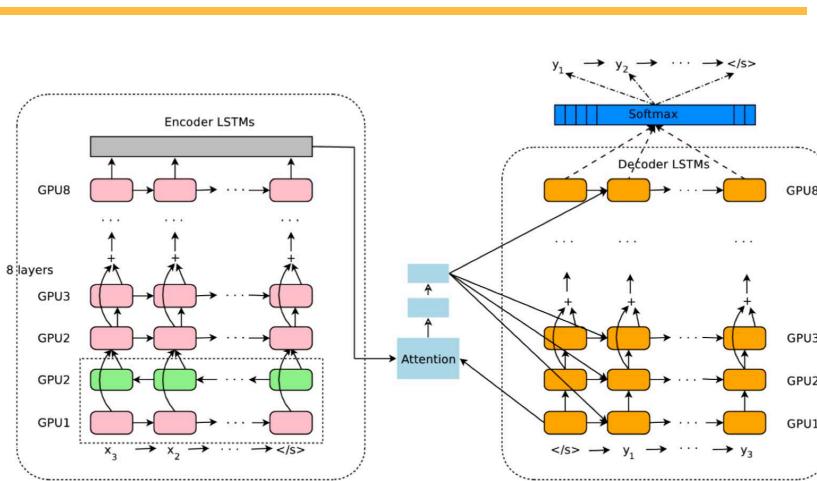
Attention Mechanism



COMP9444

©Alan Blair, 2017-20

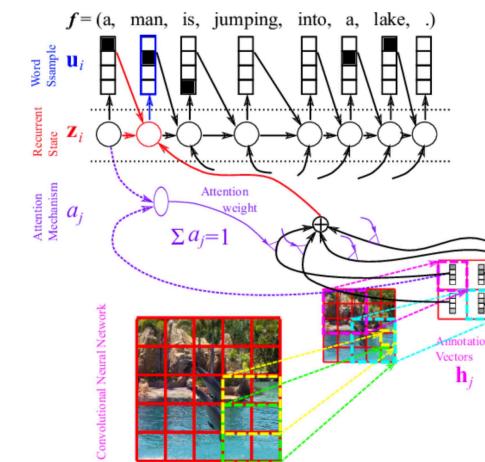
Google Neural Machine Translation



COMP9444

© Alan Blair, 2017-20

Captioning, with Attention



COMP9444

© Alan Blair, 2017-20