COMP9444 Neural Networks and Deep Learning 8b. Language Processing

COMP9444 © Alan Blair, 2017-20

Langage Processing

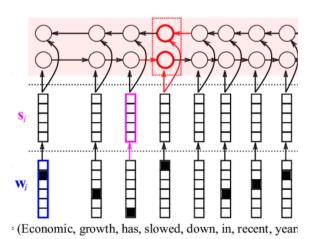
2

© Alan Blair, 2017-20

Bidirectional Recurrent Encoder

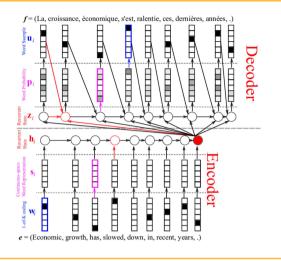
COMP9444 20T2

COMP9444



COMP9444 20T2 Langage Processing

Neural Translation

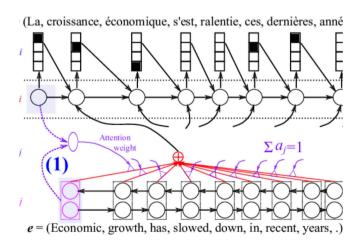


COMP9444 © Alan Blair, 2017-20

3

COMP9444 20T2 Langage Processing

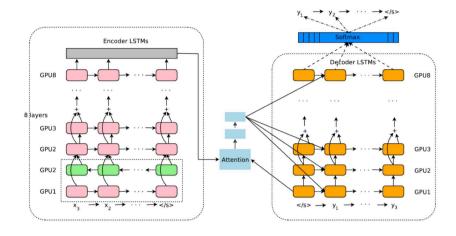
Attention Mechanism



COMP9444 © Alan Blair, 2017-20

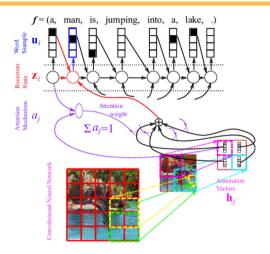
COMP9444 20T2 Langage Processing 4 COMP9444 20T2 Langage Processing

Google Neural Machine Translation



COMP9444 © Alan Blair, 2017-20

Captioning, with Attention



COMP9444 © Alan Blair, 2017-20