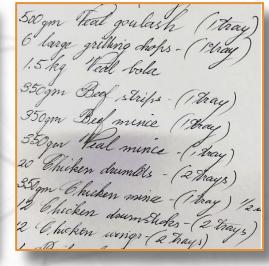
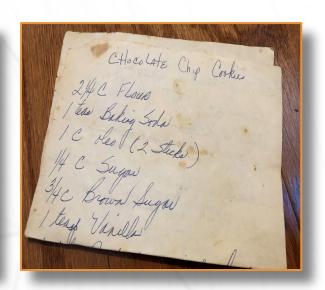


## The Problem







#### The IAM Dataset

#### Sentence Database

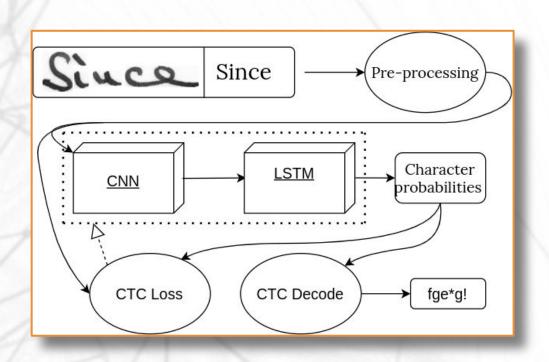
#### A01-000

A MOVE to stop Mr. Gaitskell from nominating any more Labour life Peers is to be made at a meeting of Labour M Ps tomorrow. Mr. Michael Foot has put down a resolution on the subject and he is to be backed by Mr. Will Griffiths, M P for Manchester Exchange.

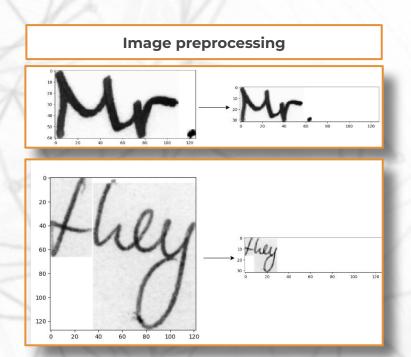
nominating any more Labour life Poors is to be made at a meeting of Labour MPs tomorrow. Mr. Michael Foot has put down a resolution on the subject and he is to be backed by Mr. Will Griffins, MP for Mancheste Exchange

- First published in 1999
- Entirely in English
- A total of 657 writers
- 1539 pages of text

### Model Architecture

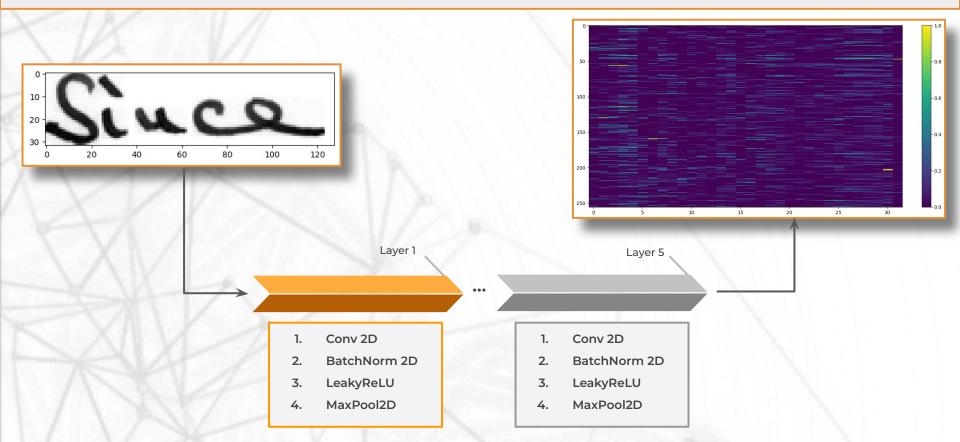


## Preprocessing

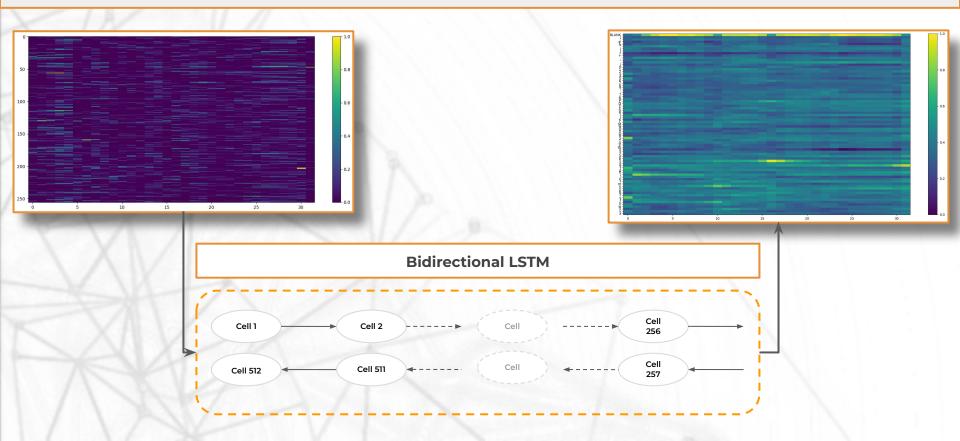


Label preprocessing		
Label	Encoded	Padded
Mr.	[39,70,12]	[39,70,12,0,0,0,0,0,]
Since	[45,61,66,55,57]	[45,61,66,55,57,0,0,]
they	[72,60,57,77]	[72,60,57,77,0,0,0,0]

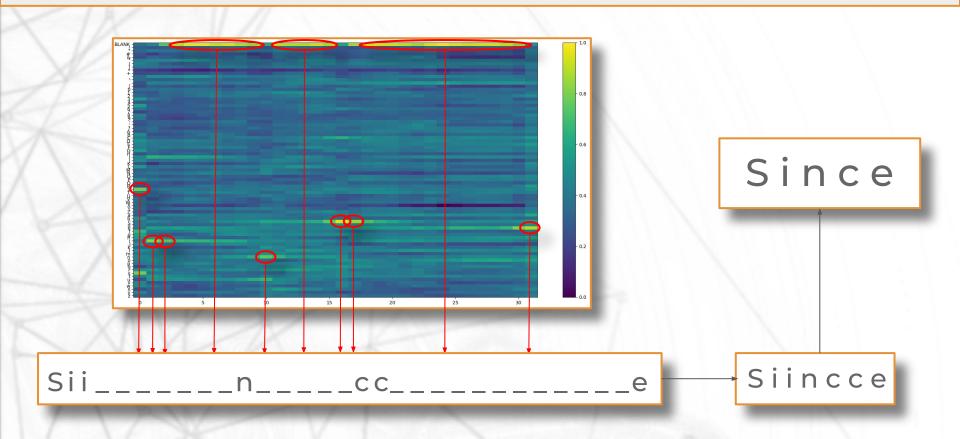
## Processing: CNN



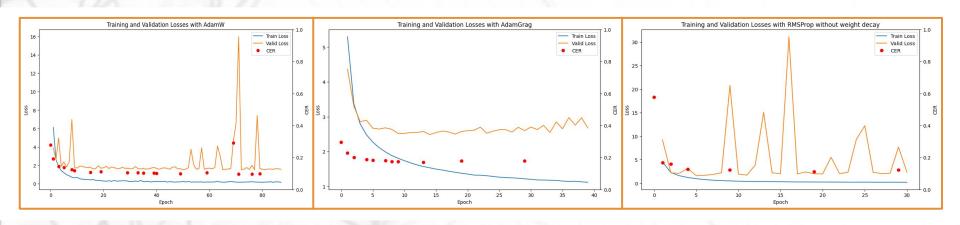
# Processing: LSTM



## CTC Decoding: best path decoding



### Results



- best performing
- good validation loss
- steady training loss
- good CER
- personal score: 9/10

- good performance
- great validation loss
- steady training loss
- subpar CER
- personal score: 7/10

- terrible performance
- terrible validation loss
- awful training loss
- subpar CER
- personal score: -1/10

