





ELRC Workshop Luxembourg
11 December 2020

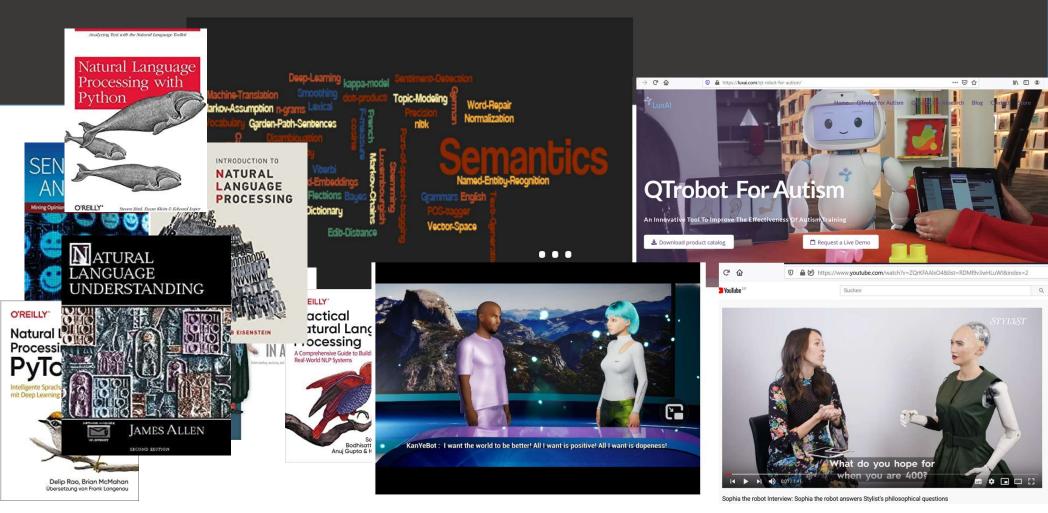
Christoph Schommer

Dept. of Computer Science
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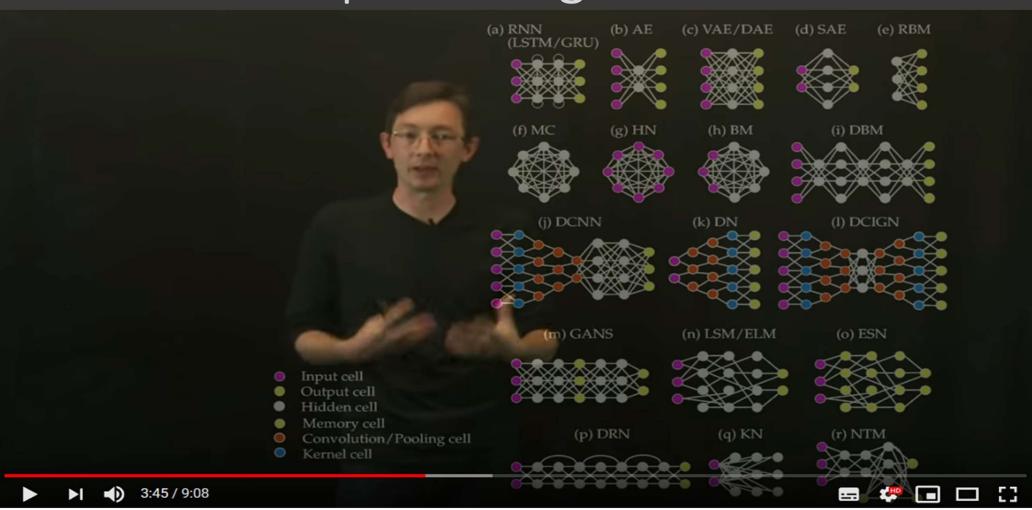


University of Luxembourg | Multilingual. Personalised. Connected.

Natural Language Processing



Deep Learning for Al?!



Can A write poetry?

"Good night! Tomorrow is another day :)"

I wanna be a little kid again.
I'm feeling kinda empty on the low.
You should unwind a little now and then.
Team Stacie looking like a sleepy hoe.

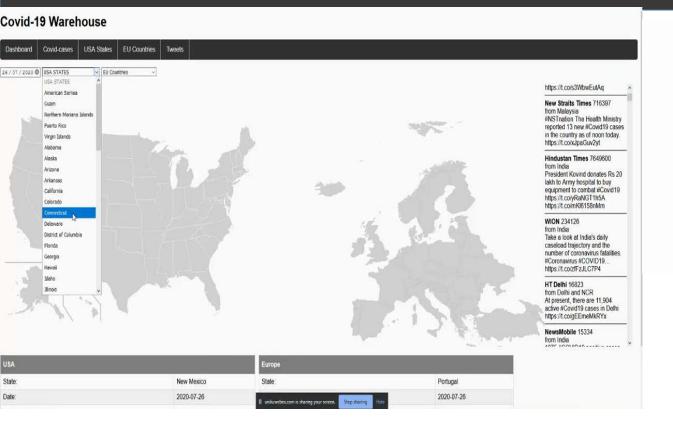
Back to the Sunshine State. The devil is a lie. I hate myself a lot sometimes, I mean, possessive, holy shit, this is the second time. I'm always catching dimes.

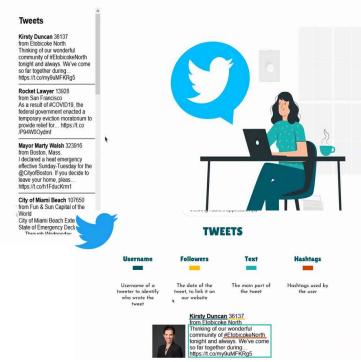
I'm not the only one, I'm pinning this again. I love a windy sunny day.
Not coming out until tonight. I miss the happy me. I gotta find a way.

DeepHouse

http://10.240.2.56/

Pavid Matos FREITAS
Fabio DI BIASE
Gabriela Vieira PINTO
Gilles CHEN
Joshgun Sirajzade
Christoph Schommer

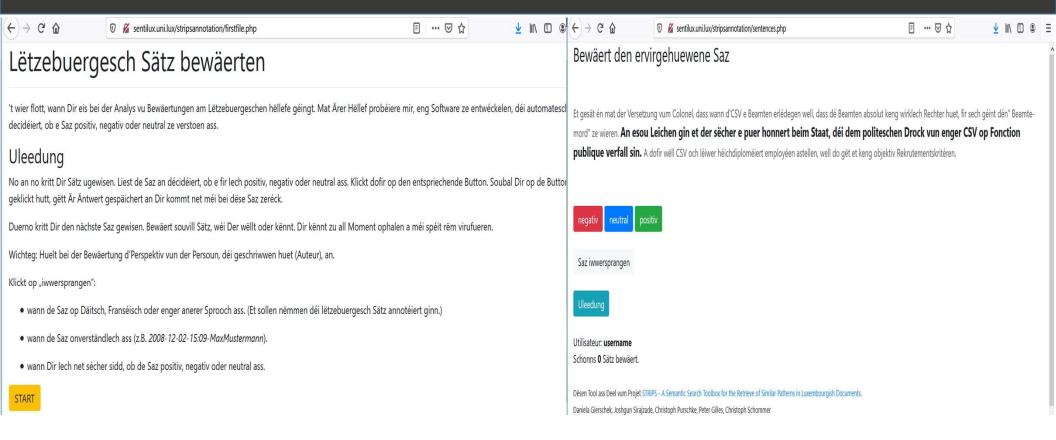




STRIPS

http://sentilux.uni.lux/stripsannotation/sentences.php

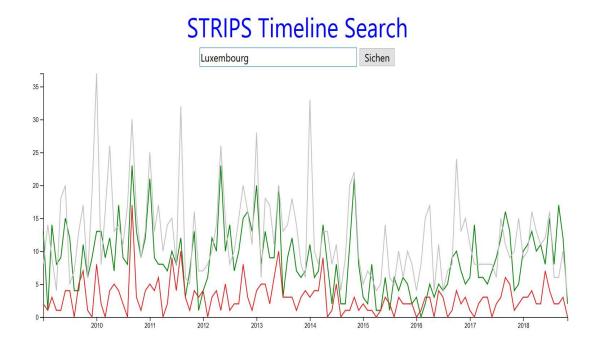
Joshgun Sirajzade Christoph Schommer Christoph Purschke Peter Gilles Daniela Gierschek

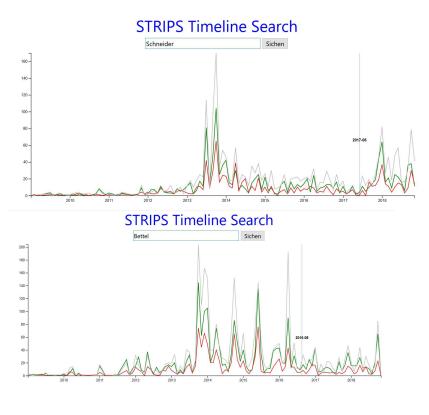


STRIPS

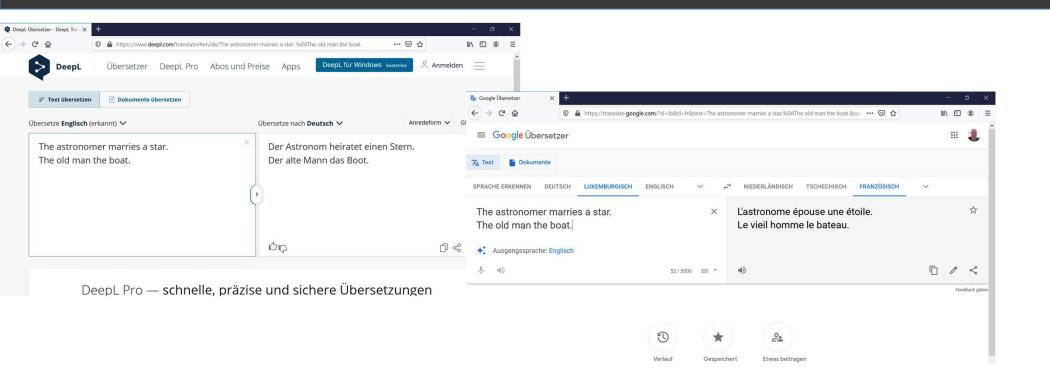
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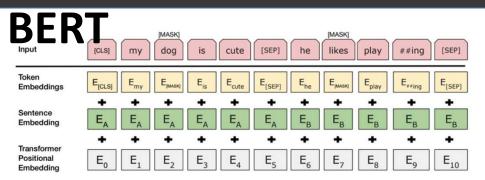




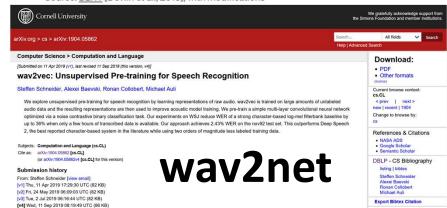
When NLP does not work



Next Generations... 3 examples



Source: BERT [Devlin et al., 2018], with modifications





A robot wrote this entire article. Are you scared yet, human?

GPT-3

GPT-3

We asked GPT-3, OpenAI's powerful new language generator, to write an essay for us from scratch. The assignment? To convince us robots come in peace

 For more about GPT-3 and how this essay was written and edited, please read our editor's note below



