

Junyi Li

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Education

- **The University of Edinburgh** Edinburgh, UK
Master in School of Informatics;Artificial Intelligence *Sep. 2016 – Dec. 2017*
- **Hunan University** Hunan, China
BS Engineering;Information Security(GPA: 82.09/100) *Sep. 2012 – June. 2016*

Professional Skills

- **Programming:**Python, Pytorch, Tensorflow
- **NLP:** Pretrained Models (Bert), semantic, tagging, NER, Text classification, Machine translation
- **ML/DL:**Logistic Regression, Linear Regression, CNN, RNN, Bayes etc.

Work Experience

- **China Academy of Electronics and Information Technology** Beijing, China
Algorithm Engineer *Jan. 2019 Now*
I am responsible of all the technologies related to NLP and I developed a **NLP platform** and a **QA system**. Besides, I am also a **co-advisor** of a graduated student (Major in Knowledge graph)
- **Meituan-Dianping** Beijing, China
Algorithm Engineer *Jan. 2018 - Jan.2019*
 - **NLP platform:** I was responsible for the design a **NLP platform** and part of the coding.
 - **Honor:** I got the TOP2 in the evaluation of new employees (Algorithm direction, no difference between top2)
 - **Business application:** I dealt with the algorithm problem related with review, video, recommendation.
- **Laiye** Beijing, China
AI Internship *Oct. 2017 Dec. 2017*
 - **NLP framework:** I am responsible of the coding of NLP framework in python3 and the work about word embedding and similarity calculation.
- **Synced** Edinburgh, UK
Technical analyst (Part-time) *Jan. 2017-Sep. 2017*
 - **AI Analyst:** In charge of AI investigation in Scotland. Published a few paper reviews and conference reports in English. [Link](#)

Picked Projects

- **NLP platform:**
I am responsible of the design and coding of the python framework of NLP platform. This platform help us save 50% time to complete business requirements. The functions implemented are listed below:
 - **NLP basic techs:** Tokenizer, tagging, NER
 - **NLP applications:** Text classification, sentiment analysis etc.
 - **NLP business strategies:** Text preprocess, Information extraction etc.
 - **NLP DL application:** NLG, NMT, Word Embedding, sequence labeling with DL
- **QA bot based on NLP platform:**
I am responsible of the design and coding of the QA bot based on NLP platform. I apply the SOTA technology like bert to this system and make it an important achievement in my apartment.
Application of BertI trained BERT on TPU using smaller corpus related to my work compared with the official version. Finally, I got around 88% on accuracy and 92.6% on recall (top5)
- **Text management system based on NLP platform:**
I am responsible of the design of Text management system. The goal of this system is to manage all the kinds documents (doc, txt, docx, excel etc.) and extract the key information for search system developed by my colleagues.

Picked Highlights

- **Patents:** Two in Meitudan-Dianping
- **Translator and reviewer:** Neural Networks and DeepLearning on Coursera
- **Translator:** Neural Reading Comprehension and Beyond (Thesis of Dr.Chen)
- **Teaching Assistants:** NLP courses on Udacity
- **CLUE member:** I make the rule of contribution to our projects and I did much work on CLUE, CLUEPretrainedModels and CLUEDatasetSearch. I also have a paper worked with members is being reviewed.
- **NLPCC-2020:** I am responsible of the shared task 1 on NLPCC-2020.

Others

- The president of College students Union
- Excellent Graduated student of Hunan University
- I like playing basketball and guitar. Besides, I have abundant experience in hosting all kinds of ceremonies