# Mengxiao Lin

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HOMEPAGE: https://mengxiaolin.me/

## **EDUCATION**

## 2014.9 - 2018.7

Undergraduate at School of Data Science, Fudan University

Received **Bachelor of Engineering** from Fudan University.

Selected courses: Statistical Learning and Machine Learning, Numerical Algorithms, Introduction to Computer System, Introduction to Database

Overall GPA: 3.45/4.0. Rank: 8/34

## EXPERIENCE

## **2018.7 - PRESENT**

## Researcher at Megvii Technology Ltd.(Face++)

Base model group at Megvii Research. Focus on deep learning approaches for human pose estimation and detection in crowded scene.

### 2018.1 - 2018.6

## Main Contributor of FudanParser presented at CoNLL 2018 Shared Tasks

In charge of the designing and implementation of the system. Our submission outperformed baseline and placed 17th in the rank list. See the technical report for more details.

#### 2017.1 - 2017.6

## Research Intern at Megvii Technology Ltd.(Face++)

Focus on object detection task in computer vision, especially human detection in crowded scene. Also did some works in low-resource object detection.

Mentor: Dr. Xiangyu Zhang

## 2015.7 - 2018.6

## Research Assistant at Fudan University

Serving as a research assistant for Dr. Xiaoqing Zheng in Fudan University.

My work here focus in word representation learning and dependency parsing.

## PUBLICATIONS AND TECHNICAL REPORTS

- 1. Danlu Chen\*, **Mengxiao Lin**\*, Zhifeng Hu\* and Xipeng Qiu. A Smple yet Effective Joint Training Method for Cross-Lingual Universal Dependency Parsing. *Proceedings of the CoNLL 2018 Shared Task: Multilingual Parsing from Raw Text to Universal Dependencies*, 2018. (\* Equal contributions)
- 2. Xiangyu Zhang, Xinyu Zhou, **Mengxiao Lin** and Jian Sun. ShuffleNet: An Extremely Efficient Convolutional Neural Network for Mobile Devices. *Proceedings of the IEEE Conference on Computer Vision and Patern Recognition (CVPR)*, 2018.
- 3. Xiaoqing Zheng, Jiangtao Feng, **Mengxiao Lin** and Wenqiang Zhang. Context-Specific and Multi-Prototype Character Representations. *Proceedings of the Twenty-Fifth International Joint Conference on Artificial Intelligence*, 2016.

## **OPEN-SOURCE PROJECTS**

## Yet Another MXnet DETetction Project

A Faster-RCNN implementation fully in MXNet Gluon. More than 50 starts! Hosted on https://github.com/linmx0130/ya\_mxdet.

## parserChiang Project

Neural network transition-based dependency parser implemented with MXNet gluon API.

Hosted on https://github.com/linmx0130/parserChiang.