

# Mengxiao LIN

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## EDUCATION

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**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

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**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.

Implemented high-performance modules (ROIAlign, ChannelShuffle and so on with CUDA and provided a Python interface in the company's toolkit.

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

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1. Danlu Chen\*, **Mengxiao Lin\***, Zhifeng Hu\* and Xipeng Qiu. A Simple 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 Pattern 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

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**Yet Another MXnet DETetction** Project

A Faster-RCNN implementation fully in MXNet Gluon. More than 50 stars!

Hosted on [https://github.com/linmx0130/ya\\_mxdet](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>.