

# Mengxiao LIN

EMAIL: [linmx0130@gmail.com](mailto:linmx0130@gmail.com)  
GITHUB: [linmx0130](https://github.com/linmx0130)  
HOMEPAGE: <https://mengxiaolin.me/>  
PHONE: (+86)176-2170-3046

## EDUCATION

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### 2016.9 - Present

Undergraduate at SCHOOL OF DATA SCIENCE, **Fudan University**

Accumulate GPA:3.57 (Rank 5/ 36)

Selected courses: Statistical Learning and Machine Learning, Computational Statistics, Numerical Algorithms

### 2014.9 - 2016.7

Undergraduate at SOFTWARE SCHOOL, **Fudan University**

Accumulate GPA:3.57 (Rank 4/ 67), Major GPA :3.82

Selected courses: Introduction to Web Applications, Introduction to Computer System, Database Design, Data Structures and Algorithms

## EXPERIENCE

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2017.1 - 2017.6

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

Focus on object detection task in computer vision.

Implemented some high-performance modules in company's toolkit.

Mentor: Dr.Xiangyu Zhang

2016.9 - 2017.1

Teaching Assistant at **Fudan University**

Serving as a teaching assistant for *Data Structures and Algorithms* (SOFT130004.01) in Software School, Fudan University. In charge of the design of labs, mid-term examination and projects.

2016.3

Contributor of **MXNet** Project

MXNet is a famous open source deep learning framework designed for both efficiency and flexibility.

Contributed Adagrad optimizer and a Gate Recurrent Network example in Python into the project.

2015.7 - PRESENT

Research Assistant at **Fudan University**

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

Most of my work is about natural language processing and representation learning.

## OPEN-SOURCE PROJECTS

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### **Yet Another MXnet DETetction** Project

An open source object detection toolbox implemented with MXNet gluon API. Now it includes a fully reimplemented Faster R-CNN. Still in developing.

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

### **parserChiang** Project

Transition-based dependency parser implemented with MXNet gluon API. A LSTM-based transition-based parser in different settings is provided for experimental needs.

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

## PUBLICATIONS AND TECHNICAL REPORTS

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1. Xiangyu Zhang, Xinyu Zhou, **Mengxiao Lin** and Jian Sun. ShuffleNet: An Extremely Efficient Convolutional Neural Network for Mobile Devices. *arXiv preprint* arXiv:1707.01083
2. 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*. AAAI Press, 2016.