Mengxiao Lin

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EDUCATION

2016.9 - Present
Undergraduate at SCHOOL OF DATA SCIENCE, **Fudan University**
Selected courses: Statistical Learning and Machine Learning, Numerical Algorithms

2018.1 - 2018.3
Online course on LINGUISTICS offered by **Universiteit Leiden** through Coursera
Full name of the course is *Miracles of Human Language: An Introduction to Linguistics*. Verify at `https://coursera.org/verify/RB9AY3MFLUUT`.

2014.9 - 2016.7
Undergraduate at SOFTWARE SCHOOL, **Fudan University**
Selected courses: Introduction to Computer System, Database Design, Data Structures and Algorithms

EXPERIENCE

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

Yet Another MXnet DETetction Project
An open source object detection toolbox implemented with MXNet gluon API. Now it contains a fully reimplemented Faster R-CNN. Still in developing.
Hosted on `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

1. 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 Paern Recognition (CVPR)*, 2018.

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*, 2016.