

Lingyu Wang(王羚宇)

+86 156 5071 7392

Peking University

May 9, 2017

wangly.cs@gmail.com

<https://github.com/wlyPKU>

EDUCATION

Master of Science

Peking University

- *Computer Science, EECS*

2015 - present

Database and Information Management Lab, Interested in Machine Learning

Bachelor of Science(Top 20%)

Peking University

- *Computer Science, EECS*

2011 - 2015

Bachelor of Economics(Double Major, Top 25%)

Peking University

- *Economics, National School of Development*

2012 - 2015

PROJECT

Optimization of Machine learning algorithms

2016.07-present

- Implementation and comparison among popular optimization methods when solving classical linear models (linear regression, Lasso, Logistic Regression, SVM)
- Implementation and comparison using Java under various environments (single thread, multi-threads and distributed environment)
- Analysis on the performance influenced by the data features (number of feature dimensions and sample) using matplotlib

Weibo Hot Topic Discovery

2015.11-2016.01

- Implemented a Weibo hot topic discovery system. After using CRF to do the segmentation and named-entity recognition, we extracted and find hot topics accurately using LDA algorithm.

Partly Sunny with a Chance of Hashtags

2013.05-2013.06

- This is a Data Mining Competition on Kaggle. Implemented a learning algorithm to analyze with a Chance of weather and emotion information of tweets. Rank top 50.

AWARDS & HONORS

Postgraduate Academic Scholarship *2015-2017*

Outstanding Research Award(Top 10%) *2016-2017*

Academic Excellence Award(Top 10%) *2013-2014*

Third Prize in Peking Sixteenth ACM Programming Contest *2015*

COMPUTER SKILLS

Language: C++, Java, Python

Knowledge: Data Structure and Algorithm, Machine Learning, Database, Network

Familiar with Storm, Hadoop, Spark distributed system and common linear ML models