

WANG LINGYU

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🎓 EDUCATION

Peking University, Beijing, China 2015.9 – Present

Institute of Network Computing and Information Systems

Master student in Computer Science, expected July 2017

Peking University, Beijing, China 2011.9 – 2015.7

School of Electronics Engineering and Computer Science

B.S. in Computer Science

👤 EXPERIENCE

Text based expression and classification 2017.6-Present

Toutiao inc. Data-Recommand Summer Intern

- Classification using fasttext using supervised data (title content and the clustering results generated by Kmeans of the embedding vector of articles)
- Using the classification results above to recommend and implement diversity
- Using seq2seq to generate the article representation

Routing Planning Survey and Implementation 2017.3 – 2017.6

DiDi Research Intern

- Survey and implementation of VRP (vehicle routing problem) using google's open-source library or-tools. Experiments on the choice of different optimization methods.
- Design and build a pickup and delivery routing dispatching model and optimize the solving efficiency from 10min to 1.5s.

Optimization of Machine learning algorithms 2016.9 – 2017.5

- 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)

⚙️ SKILLS

- Programming Languages: C++, Java, Python
- Knowledge: Data Structure and Algorithm, Machine Learning, Database, Network
- Development: Web, xxx

♥️ HONORS AND AWARDS

Outstanding Research Award (Top 10%) 2016-2017

Academic Excellence Award (Top 10%) 2013-2014

📄 MISCELLANEOUS

- Blog: <http://wlyPKU.github.io>
- GitHub: <https://github.com/wlyPKU>
- Languages: English - Fluent, Mandarin - Native speaker