Peipei Li

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Research Direction

Data Mining / Machine Learning.

Education

Sept 2015 - now	**Master**, *Computer Science and Software Engineering*, East China Normal University.
Sept 2011 - Jun 2015	**B.E.**, *Software Engineering*, East China Normal University, Shanghai.
GPA	**3.49/4**, *ranked top 10%*.

Project Experience

Jun 2017 - now — **Text Intention Classification (intern)**, *Tencent*, WeChat Business Group.
- Improve intention classification model and win an 8.6% gain on weighted F1 score based on WeChat dialogue corpus
- Develop a joint optimization neural network based on multi-domain *fasttext* models
- Work with *C++* language, and improve experiment efficiency by parallel processing

Oct 2016 - Jan 2017 — **Selecting Occupations from Trajectories**.
- Analyze the trajectory pattern variance of different occupational categories, and propose a CRF-based occupation inference model based on micro-blog and Baidu Map data
- Win a 10% gain on macro F1 score compared with ensemble learning method
- Work independently, write a paper and published at the SIGIR2017 conference

Mar 2015 - Jun 2015 — **the Stock Prediction Model based on Text Mining and Sentiment Analysis**.
- Collect various datasets from financial news, forum comments and research reports
- Build a multiple linear regression model based on emotional polarity calculation
- Work with *Python* language and tools *Jieba*/*Whoosh*/*Scikit-learn* etc.

Jun 2014 - Nov 2014 — **Automated Test Development (intern)**, *CooTek IT Co.*, Smart Dialer Group.
- Learn knowledge about UI automated test, tools *Robotium* and *Jenkins*
- Write 150+ test cases, daily execution and report can be triggered automatically
- Design and develop an automated UI testing tool for finding unavailable test cases

Professional Skills

Languages	C++, Python, Shell, Octave
Tools	Linux, Pandas, Scikit-learn, Web.py, JUnit, Jenkins
English	Fluent in speaking and writing, CET-6 passed (480)

Awards

2015	ECNU Outstanding Students Scholarship
2012 - 2013	ECNU the First Prize of Excellent Student Scholarship

Self-Assessment

High sense of responsibility   Detail oriented and with great patience

Strong learning ability   Willing to work under pressure