

Xinyue CHEN

PERSONAL INFO

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EDUCATION

JULY 2020 **Shanghai Jiao Tong University**
Bachelor of Science in COMPUTER SCIENCE
IEEE Honor Class
GPA: Top 10%. Top 1 female student.

JULY 2016 **High School Affiliated to Fudan University**

EXPERIENCES

| | |
|----------------|---|
| Present | Attention-based Chinese Named Entity Recognition |
| NOV 2018 | <i>Advisor: Kenny Zhu</i> Proposed an attention-based method to integrate word-level and character-level information. Achieved F1 of 93.67% on MSRA (previous SOTA : 93.18%). Working on other possible attempts to further improve performance. |
| NOV.-DEC. 2018 | Stock Prediction with Orderbooks <i>Course Project</i> Conducted exploratory data analysis on the orderbook. Incorporated financial knowledge during feature engineering. Datasets Applied various learning algorithms and modeling techniques to predict prices in high-frequency trading. |
| AUG. 2018 | Schema Matching for Financial Data <i>Project Intern at Morgan Stanley, Shanghai</i> Researched on Mifid2 dataset and implemented text classification based on TF-IDF bag of words, active learning, and Linear SVM. Generalized this method to part of the company's own data to classify various tables. |
| OCT.-DEC. 2017 | A Sportswear Search Engine <i>Course Project</i> Collected ~300,000 images of sports products using <i>Scrapy</i> from Tmall, JD and Suning E-shops. Developed the text search part of the search engine using <i>PyLucene</i> . |

SKILLS

Programming Language: PYTHON, C++
Libraries: Numpy, Scikit-learn, PyTorch, PyLucene
Learning: Tensorflow, Java

LANGUAGES

MANDARIN: Mothertongue
ENGLISH: TOEFL: 111
SHANGHAINESE: Dialect

INTERESTS AND ACTIVITIES

Writing

Singing, Concerts, Musicals