Xinyue CHEN

PERSONAL INFO

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EDUCATION

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

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

EXPERIENCES

Present
Nov 2018

Attention-based Chinese Named Entity Recognition
Advisor: Kenny Zhu

Proposed an attention-based method to integrate word-level and character-level information.

Achieved F1 of 93.59% on MSRA (previous SOTA: 93.18%).

Working on other possible attempts to further improve performance.

NOV.-DEC. 2018

Stock Prediction with Orderbooks
Course Project

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
Project Intern at Morgan Stanley, Shanghai

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
Course Project

Collected ∼300,000 images of sports products usng *Scrapy* from Tmall, JD and Suning E-shops.

Developed the text search part of the search engine using *PyLucene*.

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