

# Xinyue CHEN

## PERSONAL INFO

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## EDUCATION

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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

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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 <a href="#">SOTA</a> : 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. <a href="#">  Datasets</a> 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

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

## LANGUAGES

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MANDARIN:   Mothertongue  
ENGLISH:    TOEFL: 111  
SHANGHAINESE:   Dialect

## INTERESTS AND ACTIVITIES

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Writing

Singing, Concerts, Musicals