

# Xiao Song

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## Education

Robert H. Smith School of Business, University of Maryland, College Park, MD 2021-2023  
Business Analytics

East China Normal University, Shanghai 2016~2020  
Bachelor of Sociology

## Professional Experience

**FancyDigital** 2020-09~2021-04  
*Data Analyst*

- Use distributed OLAP databases such as Apache Doris/TiDB/Clickhouse to write BI data reports.
- Perform user retention analysis on the company's SaaS product, which is generally called Smart Investment, and assist operations in user services and other tasks.
- Analyze the error log during product use and assist the product manager to optimize product design and user experience.
- Participate in the research and development of online BI data analysis reports for SaaS products.

**Data Scientist Internship** 2020-02~2020-04

*Zhongnan University of Economics and Law Data Consultant*

Use Xgboost, RandomForest, LightGBM and other algorithms to classify (multiclass) legal text data. The word frequency method is used to construct the feature matrix, and the cross-validation training model (`sklearn`) is used to obtain the cross-validation accuracy of 0.75. I write a program to make predictions on new data, so that the prediction results can be applied to any new data set.

## Awards and Honors

**Kaggle M5 Forecasting - Accuracy** 103rd/5558 Top2% Silver Medal 2020  
*Estimate the unit sales of Walmart retail goods*

**Kaggle M5 Forecasting - Uncertainty** 18th/909 Top2% Silver Medal 2020  
*Estimate the uncertainty distribution of Walmart unit sales*