

Ying(Stella) Wang

202-374-9980 zjuwangying@gmail.com

Personal website: <http://yingwang.georgetown.domains/about.html>

EDUCATION

- Georgetown University, US, Master's Degree** 09/2016-05/2018
- Major : Analytics - Data Science
 - Related Coursework: Statistical Modeling, AWS, NLP, Data Visualization, Machine Learning, Optimization, etc
- Zhejiang University, School of Management, China, Bachelor's Degree** 09/2012-07/2016
- Major: Information Management & Information System
 - Related Coursework: Database Management, Data Mining, Securities Investment, Strategic Management, etc
- Rotterdam School of Management, Erasmus University, the Netherlands** 02/2015-06/2015
- Exchange Student, Studied International Marketing & Research, Innovation Management, etc
- Manchester University, UK, Winter Vacation Exchange Program** 01/2014-02/2014
- Head of ZJ University for a selected group of 40 students

SKILLS

Technical :

- Data Analytics: Python, R, C, SPSS, STATA, SAS.
- Database : SQL, MS SQL Server, MySQL, PostgreSQL.
- Cloud Computing: Amazon Web Service, Hadoop, Spark, Scala, DynamoDB.
- Data Visualization : HTML, CSS, R Markdown, Tableau, ggplot2, Plotly, Bokeh, D3.
- Others: eye tracker, SAP, SPSS Modeler, Django.

Others :

- CFA Level I candidate

INTERNSHIP

- Data Analyst, Business Intelligence Section, Alibaba Group** Hangzhou, 07/2015-09/2015
- Business analysis concerning Alipay Wallet, using SQL on Alibaba ODPS(Open Data Processing Service).
 - Produced a conclusive and predictive data report in terms of users' utility expenses in different periods of time, to assist with the company's business strategic planning.
 - Applied NLP to detected abnormal activities of online transaction using transaction message data.

RESEARCH/PROJECT

- Full-Stack Web Application for Restaurant Recommendation** 03/2018-05/2018
- Developed a web application under Django that ranks the restaurants that are geographically close to a user-specified address and best match users' cuisine preferences.
 - Used Postgres as storage backend and implemented a K-Nearest Neighbor Search algorithm with high dimensional R-tree using Python.
- Analysis of Amazon Product Reviews** 03/2017-05/2017
- Built an end to end classifier which can turn a text review of product on Amazon into a numeric rating.
 - Applied machine learning algorithms(SVM, NaiveBayes) and NLP with SparkML and query it using SparkSQL.
 - The process was taken on Amazon Web Service EMR and S3.
- Movie Rating Exploration** 09/2016-11/2016
- Based on IMDB movie score and reviews, data-scraping using python, apply random forest to make a prediction model of movie rating, built a website to show the result. http://yingwang.georgetown.domains/movie_vis/
- Graduation Project** 08/2015-05/2016
- Research into the influences of product image's background in shopping website on consumer's behaviours.
 - Used eye tracker to do the eye movement experiment and analyzed the result using SPSS.
 - The project finds that the background of product image will have an influence on emotion, attention and social presence of consumer, which affects the will of users' approaching or avoiding the websites.
- Cluster Analysis of Behavior Characteristics of Online Doctors** 01/2015-02/2015
- Scraped data from www.HaoDF.com, China's biggest online medical service platform outside hospitals, applied K-means to divide doctors into three groups based on their behavior characteristics.
 - Result shows that doctors with moderate experience is more willing to answer questions online.

SOCIAL PRACTICE

- Head of ZJ University at Euro Exhibition** 05/2013
- Outstanding Volunteer with EU certification
- Vice President of IM&IS Club** 09/2013-06/2016