Wang Nan (Miya)

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WHO I AM

I use codes (Python & R) to extract information from data in a mathematical beautiful way.
Tools: machine learning, network analysis, text analysis, statistics;

EDUCATION

FORDHAM UNIVERSITY, Information Systems Department   **Expected 12/2016**

Master of Science, Business Analytics, GPA: 3.9

- Courses: Data Mining; Text Analytics; Information Fusion; Machine Learning; Data Warehousing; Web Analytics; Database Management; Big Data

NANJING NORMAL UNIVERSITY   **2015**

Bachelor of Arts, International Business, GPA: 3.6

- Courses: Advanced Mathematics, Fundamental Physics, Economics, Global Finance

PROJECT

2016 Sport Analysis for March Madness (Team Leader)

- Build a classification model with highest accuracy (78%) for predicting 2016 NCAA finals among 22 teams.
- Develop a Web App to launch the model. (http://shootingstarsnyc.azurewebsites.net/)

Text Mining on Google Apps (Team Leader)

- Crawl large volume of streaming text data from an Ajax-based website (https://play.google.com/store/apps).
- Conduct Text mining and build a clustering model with help of distributed machine learning techniques to label update information for apps.

Quantify and Visualize Coding Commitment through SNA (Personal Project for the company, BlueOptima)

- Conduct social network and time series analysis to track developers' coding effort and cooperation pattern.

Sentiment Analysis on Mobile Review

- Conduct Sentiment analysis to detect correlation between customers' reviews and sales of smartphones.

EXPERIENCE

Fordham University, Dr. Katsamakas, Area Chair, Information Systems Department   June 2016 – Present

Research Assistant

- Text analysis about Twitter API updates; Game theory; Social network analysis; Data Visualization;

Fordham University, Dr. Dobin, Information Systems Department   January 2016 – May 2016

Research Assistant

- Quantify memorability of pictures through training LaMem (Convolutional Neural Network) on Pycaffe.
- Create workshop tutorials of Microsoft Azure Machine Learning Studio to support the course teaching of Data Mining in 2016 Spring Semester.

AXA Hong Kong SL Financial Group   July 2015 – September 2015

Intern, Financial Analyst

- Analyze stocks in HK Stock Exchange Market by performing exponential distribution analysis.

Pacific Northwest National Laboratory (PNNL)   July 2014 – August 2014

Intern, Business Contracts

- PNNL address many of United States' most pressing issues in energy, the environment and national security through advances in basic and applied science.
- Extract data and prepare information from company database and paperless system.

AWARDS

- **First Prize** in Fordham March Madness Data Crunch Competition, sponsored by Deloitte.
- Top Performer Award in SL Financial Group in AXA (Hong Kong).
- Top Volunteer in 2014 Youth Olympic Games.

CERTIFICATION

- Coursera: Machine Learning; Hadoop Platform and Application Framework; Text Retrieval and Search Engines; Social and Economic Networks: Models and Analysis;
- Edx: Introduction to Linux; Statistical thinking for data science and analytics;
- Google Adwords & Google Analytics