

Wang Nan (Miya)

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Website: <https://miyainnyc.github.io/>

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Tools: Python, R, SQL, Tableau

Skills: Machine Learning, Big Data, Statistics, Social Network Analysis, Time Series Analysis;

EDUCATION

FORDHAM UNIVERSITY, Information Systems Department

Expected 12/2016

Master of Science, Business Analytics, GPA: 3.9

- Courses: Web Analytics; Text Analytics; Information Fusion; Big Data; Data Mining for Business; Data Warehousing; Database Management; Business Performance Management and Risk Analytics;

NANJING NORMAL UNIVERSITY

2015

Bachelor of Arts, International Business, GPA: 3.6

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

PROJECT

Text Mining on Google Apps (Team Leader)

- Deploy a web crawler on Amazon Elastic Compute Cloud (EC2) to collect Android App information;
- Store streaming data into Simple storage Service (S3) and conduct text mining;
- Build a Pipeline to label update information for apps with a Latent Dirichlet Allocation (LDA) model;

Rosemann Sales Prediction (Individual Project)

- Analyze historical sales of 1,115 Rossmann stores through exploratory analysis and time series analysis;
- Predict sales (log loss: 0.12751) with a gradient boosting model;
- Deploy the model as an Excel Add-In;

2016 Fordham March Madness Data Crunch Competition (Team Leader)

- Predict NCAA finals (highest accuracy among 22 teams) with a RandomForest model;
- Deploy the model as a web service with Microsoft Azure; (<http://shootingstarsnyc.azurewebsites.net/>)

Quantify and Visualize Coding Commitment through Social Network Analysis (Personal Project)

- Track developers' commitment and their collaboration pattern with interactive graph visualization;

EXPERIENCE

Converseon

August 2016 - Present

Data Analytics Intern

- Warehouse and clean data for analysis; Create client-facing reports and interactive dashboards;

Fordham University, Dr. Katsamakos, Area Chair, Information Systems Department

June 2016 – Present

Research Assistant

- Collect and analyze streaming tweets; Support course teaching of using Tableau for Business Intelligence;

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.

AXA Hong Kong SL Financial Group

July 2015 – September 2015

Intern, Financial Analyst

- Conduct risk analytics with fundamental analysis and quantitative modeling for hedge fund portfolio;

Pacific Northwest National Laboratory (PNNL)

July 2014 – August 2014

Intern, Business Contracts

- Assist data fetching from database and paperless system; Optimize report generation process;

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 Apache Spark; Distributed Machine Learning with Apache Spark; Introduction to Linux; Statistical thinking for data science and analytics;
- Google Adwords & Google Analytics Certified