

Han (Evelyn) Zhao

270 10th St, Jersey City, New Jersey, NJ 07302

212-203-7862 hz1411@nyu.edu

EDUCATION

NEW YORK UNIVERSITY, New York, NY *May 2018*

M.S. in Data Science, Center for Data Science, GPA: 3.9/4.0

- **Relevant Coursework:** Database System, Machine Learning, Big Data, Casual Inference, Python for Data Science

PEKING UNIVERSITY, Beijing, CHINA *July 2016*

B.A. in Finance, School of Economics, GPA: 3.8/4.0; Rank: top 2%

- **Relevant Coursework:** Multivariable Calculus, Data Structure and Algorithm, C Programming, Corporate Finance, Dynamic Optimization
- **Awards and Honors:** Outstanding Graduates of Peking University (2%), Merit Student for year 2013 and 2015 (1%), 2014 Wusi Excellent Student Scholarship (3%), 2013 ICBC Scholarship (2%)

B.S. in Statistics, School of Mathematical Sciences

- **Relevant Coursework:** Probability and Statistics, Multivariate Statistical Analysis, Mathematical Analysis

THE UNIVERSITY OF HONG KONG, HONG KONG *Dec 2014*

Exchange Student with Fung Scholarship, GPA: 4.3/4.3

- **Relevant Coursework:** Time Series Analysis, Econometrics, Financial Accounting

EXPERIENCE

Beijing Enlight Media Co., Ltd., Beijing, CHINA *Jun 2015 - Aug 2015*

Data Analytics Intern

- Collected and summarized daily market share and accumulated box office data for movies in theaters.
- Helped improve models for predicting box office by data cleaning and feature selection.

Research Assistant, School of Economics, Peking University *May 2015 - Jun 2016*

- Studied the algorithms and technical details of the risk management of all types of Internet finance for Professor Frank M. Song. Applied logistic regression and multivariate linear regression to empirically explore how risk control and information disclosure influence loan transactions in China's P2P Platforms.

PROJECT & RESEARCH

NEW YORK UNIVERSITY

Machine Learning Project: Malpractice Prediction *In Progress*

- Predicting malpractice of practitioners with Machine learning algorithms using Florida malpractice dataset and Medicare data in collaboration with Professor Daniel L. Chen.

Donation Prediction on Donorschoose.org *Oct 2016 - Dec 2016*

- Trained models based on 1 million records for predicting the probability of failure of projects with logistic regression, decision tree, k-NN and random forest using Python pandas and scikit-learn and NLTK.

NYC Travel Helper in Python *Oct 2016 - Dec 2016*

- Built a travel helper for NYC that comes with a user-friendly GUI which allows the user to search for nearby places of interest, see visualizations of basic stats overview, and customize detailed travel plans according to their preferences based on adjusted k-means clustering algorithm.

PEKING UNIVERSITY

Determinants of Corporate Bonds Spreads in China *Sep 2014 - May 2015*

- Applied VAR models and multivariate linear regression to the empirical estimation of the influencing factors of corporate bonds spreads in China.

Mathematical Modeling Contest for Density of Air Pollution, 2nd Prize *May 2014*

- Constructed a model based on stochastic simulation and Gaussian plume model to visualize the dynamic density of pollution generated by a municipal solid waste incinerator in surrounding area.

TECHNICAL, LANGUAGE & INTERESTS

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- **Programming:** Python, SQL, R, Hadoop/Spark, C/C++
 - **Language:** Mandarin (native), English (fluent)
 - **Interests:** swimming, reading, and Chinese calligraphy