**Yin Luo**

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**EDUCATION**

**Baruch College, Zicklin School of Business** | New York, NY |***MS in Statistics*,** GPA: 3.83 Sept 2014

*Relevant Courses:*

* Business Modeling with Spreadsheet, Time Series, Data Analysis, Data mining, Multivariate Statistical Methods, Probability and Statistics, Experimental Design, Categorical Data Analysis, Regression

*Relevant Projects:*

* Analyzed real large datasets using applied linear and logistic regression, k-nearest neighbor, neural network, support vector machine, and decision trees algorithms in SAS enterprise miner
* Analyzed and fitted regression models with moderately-sized datasets in SAS and SPSS

**Illinois Institute of Technology (IIT)**| Chicago, IL| ***MS in Applied Math***, GPA: 3.92 Dec 2005

*Relevant Courses:*

* Mathematical Finance, Corporate Finance, Computational Mathematics, Stochastic Process

**University of Science and Technology of Suzhou**| Suzhou, China| ***BS in Math***, Rank: Top 1% July 2001

* Earned top academic scholarship for four consecutive years (awarded to top one or two students in each class)
* Received XinBao scholarship and travel grant to Taiwan (awarded to only 10 students nationally per year)

**EXPERIENCE**

**Benchmark Education Company** |New Rochelle, NY| ***Statistical Analyst***  Aug 2014-Present

* Prepare a variety of ad hoc reports using SQL and perform regression analysis in R
* Coordinate with multiple departments, develop and deliver analyses that will be used to measure the effectiveness of the marketing campaigns
* analyze large amounts of raw data to extract useful and actionable information, generated daily reports to present sales trends, ROI and projection
* Develop and maintain new-product information database

**Marsh & McLennan Companies (MMC)** |Hoboken, NJ| ***Statistical Analyst Intern*** Feb 2014-May 2014

* Clean, process and manipulate Human Resource data using SQL and Excel for over 120K entries
* Develop, document and maintain standards and logic for workforce planning models to ensure consistency and integrity of all data used for modeling and forecasting
* Forecast attrition cycles using time series ARIMA models in R and present statistical model findings to supervisor and update supervisor with the ongoing adjustments
* Conduct user interface OBIEE dash board testing to ensure the consistency of the data

**IIT Department of Applied Mathematics**| Chicago, IL| ***Teaching Assistant*** Aug 2003-Dec 2005

* Assisted professors in instructing undergraduates to use computing software “Maple” for advanced Calculus
* Leaded discussion-based lessons to promote a deeper understanding of the mathematic-related concepts
* Tutored math to a class ranging in size from 25-27 students

**Illinois Institute of Technology (IIT)**| Chicago, IL| ***Vice President of Chinese Student & Scholar Association (CSSA)***

**SKILLS**

**Computer:** R, SAS, SAS Enterprise Miner, SPSS, SQL, Access, Excel, Microsoft Word

**Languages:** Fluent in English and Mandarin