

Wei Ma

Data Analyst

Columbia, MO

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- Solid background in statistical modeling and data analysis. Skilled in Experimental Design, Data Mining and Bayesian Statistics
 - 5 years working experience in Supply Chain Management and Project Management
 - Proficient in use of statistical software, such as SAS, R, SPSS, WINBUGS and SQL.
 - Able to relocate.
- Sponsorship required to work in the US

WORK EXPERIENCE

Dimension Officer

Ericsson Communication Co., Ltd - Nanjing, China - February 2007 to August 2010

Managed production line capacity, initiated risk investment of new equipments.

Object Leader responsibility of Supply Management Department in:

- Introduced New Products projects for Chinese market, such as TD-SCDMA radio base stations.
- Transferred Products Introduce projects in and out of NANJING production center for global market, such as 3G and 4G radio stations.

Sourcing Engineer

Zoppas Industries Heating Element Technologies - Hangzhou, China - April 2006 to February 2007

- Responsible for packing material and consumer goods.
- Responsible for sourcing of new parts to support program launch.
- Demonstrated responsiveness by meeting timing for new programs, engineering change or other running change.
- Achieved direct material saving targets, such as regular cost down and inventory control.
- Coordinated and supported suppliers' issues of payment & delivery etc.

Buyer/Purchasing

Compal Communications(Nanjing) Co. Ltd - Nanjing, China - April 2004 to April 2006

- Took charge of purchasing cell phone mechanical parts, e.g. cover, antenna, keyboard, frames.
- Participated new products introduce and transfer products introduce projects as Purchase Department interface, e.g. Motorola, Sony-Ericsson cell phone development.
- Maintained and updated ERP (Enterprise Resource Planning) system to ensure accuracy in purchase order issue, shipment receiving and payment out to vendor.
- Negotiated with suppliers on Quality, Service, and Delivery.
- Provided suppliers with forecast and shipment plan. Resolve logistic problems with assistance from other functional team.
- Ensured the supplement on material and Controlled and monitored inventory level.

EDUCATION

Master in Statistics

University of Missouri, Columbia - Columbia, MO

2013 to 2015

Bachelor Degree in Economics in Statistics

Nanjing University of Finance & Economics - Nanjing, China

2000 to 2004

SKILLS

SAS, R, SQL, SPSS, WINBUGS, Microsoft Office

AWARDS

Employee Excellence Awards

December 2005

Took the professional training for promotion.

CERTIFICATIONS

SAS Certified Advanced Programmer for SAS 9

February 2015 to Present

Certificate No: AP013111v9

SAS Certified Base Programmer for SAS 9

January 2015 to Present

Certificate No: BP046789v9

ADDITIONAL INFORMATION

ACADEMIC DATA ANALYSIS PROJECTS

- Time Series Analysis on stock history of ConocoPhillips.

Developed 'Garch' and 'Egarch' models to fit data and forecast the rate of return of ConocoPhillips stock.

- Regression Analysis on bicycles rental history from a bike share system.

Compared 'Random Forest', 'Bagging', 'Boosting', 'Ridge', 'Lasso', 'Principal Component Analysis', 'Linear Regression' and 'Support Vector Machine' methods, and chose the best model to fit data and predict the number of rentals on a given day.

- Classification Analysis on 'Million Song Dataset'.

Compared 'Logistic Regression', 'Support Vector Machine', 'Bagging', 'Classification Tree', 'Random Forest' and 'Boosting' methods, and chose the best model to fit data and predict if a given song was from before or after 1986.

- Bayesian linear logistic regression Analysis on 'Default Credit Card Default Data'

Used 'The Gibbs sampler' and 'Metropolis-Hastings algorithm' methods to build Bayesian models to predict whether customers would default on their credit card or not.

- Experiment Design on price history of hotels.

Developed 'mixed linear' and 'ANOVA' models to investigate which factors influence the price of hotel.