Mr. Zhang, Fayou

contact

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Shanghai
China

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programming

♥ R
Python, Matlab
Mathematica

education

2012-2015 **Masters** of Management Science and Engineering — TongJi University
Overall GPA:4.09/5 Academic Core GPA: 3.57/4
A hybrid approach of DEA, RandomForest and SVM for financial failure prediction
This thesis explored the idea that introducing DEA efficiency as a feature to improve accuracy of predicting cooperation's financial failure. The results shows that efficiency does provide valuable information in financial failure predictions.

2003-2007 **Bachelor** of Material Science and Engineering — Harbin Institute of Technology(HIT)

experience

2012-2014 **Research Assistant, Supply Chain & Industrial Engineering Lab** — Shanghai,China
Data Processing

2007-2011 **JiangSu Subote New materials Co.ltd** — NanJing, JiangSu
Top 2 Chinese Company In Concrete Admixture
Technical Support & Sales In building Shanghai–Hangzhou High-Speed Railway

awards

2012-2014 **Postgraduate Scholarship** — School of Economics and Management, Tongji University
Awarded to the top student

Certificates

2014 **Data Science** — Johns Hopkins on Coursera
The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research
Statistical Inference
Regression Models
Practical Machine Learning
Developing Data Products

courses

2012-2014 **computer science related** — Tongji University
Modern Optimization In Management Science
Numerical Optimization
Convex Optimization
Management Information System
Multivariate Statistics

skills

Implemented algorithms such as line search, gradient descent, conjugate descent, quasi-newton methods, simulated annealing, knn, svm, when studying numerical optimization and machine learning.

standardized tests

TOEFL: 94 **GRE:** Verbal 153 Math 162 AW 3

interests

professional: data analysis, computer programming **personal:** bridge, running

publications

article in peer-reviewed journal

Reliable supply chain network design under facility disruption and demand uncertainty

W.M.Ma, B.Li, B.Xu, F.Y.Zhang

Systems Engineering – Theory & Practice,Accepted ()