Mr. Zhang, Fayou

contact

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China

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programming

♥ *R*
Python, Matlab,
Mathematica

education

2012-2015 **Masters** *of Mangagement 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 coorperation'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 Chenese Company In Concrete addmixture
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

Certificate

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 Learing
Developing Data Products

courses

2012-2014 **computer science related** — *Tongji University*
Morden Optimization In Management Science
Numerical Optimaztion
Convex Optimization
Mangagement 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 test

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

Systems Engineering – Theory & Practice,Accepted ()