Jian Tian

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EDUCATION

University of Wisconsin-Madison, Dept. of Industrial Engineering   *01/2013-present*
Madison, WI
Master of science in industrial engineering
- Selected courses of study: Simulation Modeling, Data Structure, Applied Regression Analysis, Stochastic Modeling, Enterprise System and Supply Chain, Facility Planning, Sustainable Approaches to System Improvement
- GPA: 3.77/4.0.

Huazhong University of Science and Technology   *09/08 - 07/12*
Beijing,China
Bachelor of Economics(B.E.) in Economics
Quantitative Economics&Mathematics Concentration
- Selected courses of study: Advanced Macroeconomics, Advanced Microeconomics, Advanced Econometrics, Intermediate Finance, International Finance, International Trade , Financial Accounting, Financial Management, Financial Engineering, Dynamic Programming, Game Theory, linear Programming
- Participated in a research project on agent based simulation modeling and artificial intelligence under the guidance of Dr. Dan Chen from 10/10-01/11. A related research paper was published on The Journal of Supercomputing in 2011
- Outstanding undergraduate thesis of economics department in 2012. My thesis focuses on the financial risks control of portfolios based on risk measures of VaR, CVaR and CDaR
- GPA:3.43/4.0

EXPERIENCE

Laboratory of Manufacturing Process Control, University of Wisconsin-Madison
Madison, WI
Project Assistant   *08/13 - Present*
- Responsible for the data mining and statistical analysis of large dataset of the production line of a manufacturing company in Wisconsin in order to decrease their product defect rate
- Proficient in using Java, MATLAB and R for data manipulation, statistical model building and data visualization

Academy of Mathematics and System Science, Chinese Academy of Science
Beijing, China
Project Assistant   *09/12 – 01/13*
- Responsible for conducting statistical analysis of a large set of experimental data of an engine system in order to improve its overall performance
- Participated in writing the research report presenting the research results and improvement recommendations for the design of the engine system under study

Zhuhai Orbita Control Engineering Co.Ltd   *10/12 - 01/13*
Beijing, China
Marketing Strategy Research Analyst
- Responsible for producing a data driven marketing research report on intelligent embedded control system, analyzing its global technology development trends and their implications on China's embedded system market,forecasting domestic growth rate and major market risk factors of different application sectors, as well as generating investment ideas for future R&D
- As a result, the insights and recommendations from the research report was highly valued by senior management. The marketing department of the firm conducted further researches based on the insights from the report

Guotai Junan Securities Co, Ltd   *07/11 - 08/11*
Beijing, China
Summer Intern, Investment Banking Division
- Participated in the stock secondary offering of two major companies on Shanghai Stock Exchange (SSE)
- Participated in the stock pricing process of the secondary offering by analyzing and forecasting our clients' future profitability prospect
- Responsible for writing a report analyzing the cost structure of the upper level supply chain of a client and predicting the future price of global raw vitamin C and derivative byproduct, as well as its potential impact on our clients' main revenue generating sector
- Responsible for writing a report analyzing key macroeconomic trends that may have significant impacts on the market demand of iron and steel in China for another client
- Insights from my research reports were integrated into the decision making process of the future stock pricing as well as the timing of the stock issuance

The 2009 Global Consulting Program   *07/09*
Wuhan, China
Student Consultant
- Participated in a consulting project for a startup business incubator company with business students from Ohio University
- Participated in producing a comprehensive consulting report by the end of the project. The report presents the financial analysis and the business strategy we design during the project
- My performance during the consulting project was highly spoken of by the program director from college of business of Ohio University

PUBLICATION

- Chen D, Wang L.Z., Tian M.W., Tian J, Wang S.T.,Bian C.C., Li X.L.,
  "Massive parallel Modeling& Simulation of large crowds with GPGPU",
  J Supercomput, DOI 10.1007/s11227-011-0675-4, published on line, 23 September 2011