SAM - SHI PENG

325 Hoffman Drive #207, Owatonna, MN 55060

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Experienced in Supply Chain Management and Industrial Engineering and Operations Management

5+ years of experience **in** logistics and supply chain management, export-import policy, supplier management, cost saving;

5+ years of hands-on experience **in** model optimization and simulation programming, financial and cost analysis, and project management;

5+ years of demonstrated experience **in** operations, lean production, inventory management, MRP/ERP, and new production introduction;

5+ years of proven experience **in** statistical data analysis, 6 Sigma, and quality control, continuous process improvement.

⊕ PROFESSIONAL EXPERIENCE

Chart Industries, Inc., *Greater Minneapolis – St. Paul, MN, U.S.A*   2010 ~ Present

Integration Project (Manufacturing) Engineer *at Medical Devices Division*

- Work on cost saving projects, search & audit global suppliers, and smooth logistics in the export & import shipping practices;
- Implement JDE Enterprise One *(E1)* in facility with the internal departments on PDM, MRP, ERP, master schedule, standard cost, etc.;
- Optimize and simulate system process, standardize production and work instruction, conduct value stream mapping and upgrade equipments, etc. for the U.S. and international facilities.

Iowa State University, *Ames, IA,U.S.A*   2006 ~ 2010

Research Assistant *(2006-2007,2009-2010) and* Teaching Assistant *(2007-2009) at the department of Industrial and Manufacturing Systems Engineering*

- Developed a computer-based process simulation for Table Top exercise in the FAST Eggs project for Avian Influenza, then conducted statistical and quantitative risk analysis via survey and data collection from tabletop exercise in the department of Veterinary Diagnostic and Production Animal Medicine;
- Modeled the supply chains in remanufacturing and renewable energy industries, by analyzing the production process, cost, and price decision, to propose optimal strategic decisions and planning in inventory management, along with optimization methodologies. Proposed findings and models via statistical data analysis, data mining and knowledge discovery*;*
- As Teaching Assistant for courses in *Engineering Economic Analysis; Production and Inventory System; Design & Analysis of Allocation Mechanisms.*

FedEx Express, *Guangzhou, P.R. China*   2005 ~ 2006

Service Project Engineer *at Global Trade Service, Planning and Engineering Division*

- *Project Management:* As the project manager in FedEx's Airport Hub project, generate the policies, regulations and design logistics process with cost-manpower-space and budgets-timelines-risk via coordinating and communicating between the government *(Customs, Security, and Entry-exit inspection and quarantine)* and FedEx *(both US and Asia sides)*; as the team leader, solved the e-logistics connection issue between FedEx and Customs with solutions to avoid technical conflict, increase the efficiency of data transmission, and save cost;
- *Logistics Process Analysis and Optimization:* Maintained electronic data interchange and logistics system, coordinated customs declaration and clearance; established operating, inventory and capacity study for forecasting in the operation and the sorting system, optimized process and logistics by model in labor-time-motion and cost-benefit for financial plans.

United Technologies Corporation (OTIS Elevator)**,***Guangzhou, P.R. China*   2003 ~ 2005

Industrial Engineer/Supervisor *at Department of Operation Production, OTIS Elevator (2003-2005)*

- *Supply Chain Management:* Scheduled inventory, production planning and forecasting, executed make/buy studies as well as equipment procurement through cost analysis and supplier selection; implemented Material Requirement Planning/ Enterprise Resources Planning in the facility via Oracle's J.D. Edwards *(JDE)* project;
- *New Product Project Management and Lean Production:* As the key member in Nextstep^{TM} Taskforce project, introduced the new product (NPI) from initial planning to product release; developed a new product line *(NSE:Nextstep^{TM})* on process, workflow, layout, and the manufacturing capability and managed the operation of the existing product line *(NCE: New Commercial Escalator),* by time-motion-labor studies, 5S, Kanban, Just-In-Time, One Piece Flow and Value Stream Mapping etc. lean tools*;*
- *Process and Quality Improvement:* Continuously executed Kaizen activities in the entire facility for improvement and cost saving; implemented 6-Sigma, ISO9000, statistical process control *(SPC)*, and ACE *(Achieving Competitive Excellence)* with data collection, fact establishment, statistical analysis and root cause analysis; audited the quality of suppliers with Quality plus Audit *(Q+)*.

Huazhong University of Science & Technology, *Wuhan, P.R. China*   2000 ~ 2003

Research Assistant *at Virtual Reality Lab.*

- Developed cost estimation method in the design for cost with analyzing cost structure in the production system, and then applied Activity Based Costing *(ABC)* method in the practical assembly of automobile industry.

📖 EDUCATION

Iowa State University, Ames, IA,U.S.A

    M.S., in Operations Research & Industrial Engineering (*Major*) and in Statistics (*Minor*)   2010

Huazhong University of Sci. & Tech., Wuhan, P.R.China

    M.S. in Management Science   2003

    Dual B.S. in Mechanical Engineering and in Financial Management   2000

⚑ PATICIPATED PROJECTS

New Product Introduction Project   *Chart Inc.*   09/2011-Present
  Overview: Support the technologies transferred from US side to international facilities.

Federal and State Transport Plan for Movement of Egg Products   *United States Department of Agriculture*   08/2009-08/2010
  Overview: Developed a simulation model for a rapid decision-making tool, with designed analysis algorithm and program that provides Geospatial Risk Estimate.

FedEx's Airport Hub Launch (*$0.4B*)   *FedEx Corp.*   11/2005-07/2006
  Overview: Assisted and provided technology support for the project of the launch of FedEx's airport HUB in Guangzhou, China.

Nextstep™ Taskforce   *OTIS Elevator Corp.*   12/2003-03/2005
  Overview: As the core team member, guaranteed the successful launch of new production line localized at the facility.

Oracle's J.D. Edwards (ERP) Implementation Project   *OTIS Elevator Corp.*   12/2004-03/2005
  Overview: Implemented Oracle's J.D. Edwards system (JDE) by coordinating IT/Production/Supply Chain/Engineering.

✧ CERTIFICATE AND PROFESSIONAL TRAINING

The Certificate of Vacuum Practice, Agilent Technologies (2011)
The Certificate of Minitab, OTIS (2005)
The Certificate of ACE Pilot, OTIS (2004)

💻 SKILLS

Experience in Windows operating systems, MS office (*Excel, Word, Access, PowerPoint, Project, Visio, SharePoint and Outlook*);
Proficiency in packages: AutoCAD, Oracle's J. D. Edwards (ERP), Minitab, Mathematica, SAS, JMP, R, GGobi, Lingo, Weka, Crystal ball, Matlab, MySQL, ReportsNow, iGrafx, eVSM, Programming language: Visual Basic.
Experience in Achieving Competitive Excellence (*ACE*) Lean systems, Six Sigma, ISO9000, and ISO13485.
Fluent in English, Mandarin and Cantonese.

✧ RELEVANT COURSEWORK

Industrial Engineering Courses: -Allocation Mechanisms - Introduction Sustainable Production System - Introduction for Game Theory - Theory of Games, Knowledge and Uncertainty - Simulation of Management System - Analysis & Design of MIS - Integer Programming - Nonlinear Programming - Operation Research **-**Linear Programming - Supply Chain Management Decision

Statistics Courses: - Empirical Statistics Method for Computer Science - Exploratory Methods and Data Mining - Statistics Theory for Research - Statistics Method for Research - Knowledge Discovery and Data Mining – Mathematical Statistics – Probability Theory

Business and Management Courses: - Management Economics - Financial Management - Accountancy – Macro-Economics – Money Market – Insurance – International Finance – Theory and Method of Project Evaluation – Corporation Advance Finance – Investment Analysis – Finance and Revenue

Mechanical Engineering Courses: -CAD/CAM - Mechanical Manufacturing System -Metal Material and Heat Treatment- Theory of Circuit - Theoretical Mechanics - Principle of Mechanics - Digital Control Technique - Engineering Testing and Signal Processing

Available for Relocation & Travel

Cover letter

Dear Hiring Manager:

My name is **Sam Peng**. I am interested to your job posting for this position in the Internet and would like to learn more about this position.

I feel that my skills and background would be a good match in this position you posted.

1. **5+ years** of experience **in** logistics and supply chain management, export-import policy, supplier management, cost saving; **5+ years** of hands-on experience **in** model optimization and simulation, programming, financial and cost analysis, and project management; **5+ years** of demonstrated experience **in** operations, lean production, inventory management, MRP/ERP, and new production introduction; **5+ years** of proven experience **in** statistical data analysis, 6 Sigma, and quality control, continuous process improvement.

2. Good experience in software application: Microsoft Excel, Visio, eVSM, iGrafx, MatLab, Lingo, Mathematica, VBA, Minitab, AutoCAD, Pro/E, Oracle's J.D.Edwards (JDE), @RISK, Crystal Ball, ReportsNow, MySQL, WEKA, JMP, R, and SAS. For the process improvement, I have experience in ACE, Six-Sigma, ISO9001, ISO13485, SharePoint.

3. M.S. in *Industrial Engineering and Operations Research* and minor in *Statistics* from Iowa State University, and M.S. in *Management Science and Engineering*, B.S. in *Mechanical Engineering* and B.S. in *Financial Management* from Huazhong University of Science and Technology, Wuhan, China. In Iowa State University, I developed a quantitative process simulation for FAST Eggs project, as well as the supply chain models in the renewable industry and proposed the strategy (cost, price, profit, and inventory etc.) for the companies under the environments of competition and coordination.

Thank you for your time and consideration. I hope to have the opportunity to discuss the opening with you in person.

Sincerely,

Sam Peng