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## General Information:

Title: Mr. First Name: YANG Surname: MENG  
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## Education:

From: Sep. 2005 to: Present University Name: **Warwick University**   
School: **Warwick Business School**  Major: PhD in the Warwick Business School Doctoral Programme




### Research Topic:

The Application of Computer Simulation in Supply Chain Management




From: Sep. 2004 to: Sep. 2005 University Name: **Warwick University**  
School: **Warwick Business School** Major: MSc in Management Science & Operational Research

### Main Modules:




OR Techniques and Modeling Modules:

-  Techniques of OR: Linear Programming, Integer Programming, Probabilistic Modeling, Monte Carlo Simulation...
-  Mathematical Programming and Heuristics: Dynamic Programming, Network Optimization, Modern Heuristics...
-  Simulation Methods: Discrete Event Simulation, System Dynamics, Simulation Package for DES and SD...






Computer based OR Modules:


-  Spreadsheet Modeling for OR: Advance Excel Application, Excel Solver, modeling in Excel using VBA script...
-  Database and Business Intelligence: Advance Access Application, Database Development, Data Mining...
-  Web Application Development (IBM sponsored): HTML, ASP, VBA & JAVA script, Server-Client Design...

General Professional Modules:










-  Methodology of OR: OR Methodology and Techniques, Problem Structuring Methods including SODA, SSM, etc...
-  Statistics: Probability, Sampling Distribution, Hypothesis Testing, Regression, MiniTab & SPSS Application...
-  Foundation of Management: Finance and Accounting, Operations Management, Marketing management ...

### Main Projects & Assignments:

-  Logistics Modeling for Line-feeding of Jaguar Cars for Exel – Castle Bromwich Plant (MSc dissertation)
-  Apply Discrete Event Simulation on Coventry Train Station
-  The development of a Stock Broker System in Spreadsheet
-  The development of spreadsheet for transport problem, resource allocation problem, shortest path problem etc
-  The OR application on transport industry

From: Sep. 1997 to: Mar. 2004 University Name: **Shanghai Maritime University**   
Major: Bachelor of Transportation Economics (Sep.1997-Jul.2001) & Master of Industrial Economics (Sep.2001-Mar.2004)

### Main Course Taken:

- |   |   |   |
|---|---|---|
|  Industrial Organization |  Maritime Law        |  International Finance |
|  Macro & Micro Economics |  Optimization Method |  Accountant            |
|  Logistics Management    |  International Trade |  Advanced Mathematics  |

### Main Projects & Paper Published

-  The economic analysis of manufacturing companies' logistics outsourcing (Master Final Dissertation)
-  The forecast analysis of the throughput of Shanghai container port. (Bachelor Final Dissertation)
-  The feasibility analysis of the investment of airport Cargo Forward Station in mainland China
-  The development strategy of AP.Moller Port Company (Published in 2002 in Maritime Intelligence)
-  The blueprint of Korea's development of container shipping industry (Published in 2002 in China Shipping)

## Work Experience:

From: 23<sup>rd</sup>, May. 2005 to: 30<sup>th</sup>, Sep. 2005

Company Name: **Exel Logistics (UK Automotive Sector)**

Position: MSc project, Warwick Business School

Department: Solution Team, Exel UK Automotive



Responsibilities:

- Doing projects regarding Exel's logistics operation of Jaguar Cars in Castle Bromwich Plant, Birmingham.
- Data collection & analysis, model building, model experimentation & implantation, report writing, presentation, etc.

Major Projects:

- Simulation modeling of Jaguar Car X350 'Call Parts' assembly line feeding operation
- Logistics modeling for determining the location of goods in the warehouse to minimize total traveling distance

From: 10<sup>th</sup>, Feb. 2003 to: 31<sup>st</sup>, Aug. 2004

Company Name: **SembCorp Logistics Ltd.**

Position: Senior Logistics Executive

Department: Healthcare



Responsibilities:

My working responsibilities covered Operation, Customer Service and Marketing.

- For Operation, the responsibilities include dealing with import custom clearance, warehouse, inland transportation, and distribution and logistics computer systems.
- For Customer Service, the responsibilities includes liaison between the inner operation and the outer customers, dealing with customer complaints, conducting regular and special reports and so on.
- For Marketing Assistant, my main duty is to assist the marketing director of my division to explore prospect customers and maintain current customers.

Major Projects and Tasks:

- Becton, Dickinson Ltd. medical equipment (mainly syringe and blood collection tube) import, warehouse, and distribution in mainland China
- Testing, maintenance, updating of Electronic-Order system of SembCorp Logistics Ltd. Training and presentation E-order system to customers

From: 1<sup>st</sup>, Jan. 2001 to: 1<sup>st</sup>, Feb. 2002

Company Name: **Hutchison Port China**



Position: Market Research Assistant

Department: Market Research

Responsibilities:

- Collect the relevant data and information about China's ports, shipping companies, international forwarding companies, warehouse companies and major free-trade zones, economic and technical development zones in China.
- Analysis the raw materials using statistics and other quantitative methods. The final report will be presented to the managers in the department in the form of Excel or PowerPoint.

Major Projects and Tasks:

- The marketing strategy of Hutchison Port China Ltd. in the freight forwarding marketing in Eastern China
- The operation and development situation of major international logistical players in mainland China

## Computer & Language Skills:

Modeling and Statistics Software:

- |                |            |                   |
|----------------|------------|-------------------|
| Advanced Excel | VBA script | @Risk             |
| MiniTab & SPSS | Simul 8    | Powersim & Vensim |

Database and Web Application Software:

- |                 |                          |                      |
|-----------------|--------------------------|----------------------|
| Advanced Access | ASP & CSS for Web Design | MicroStrategy Web 7i |
|-----------------|--------------------------|----------------------|

Language:

- |         |                    |                     |
|---------|--------------------|---------------------|
| English | Chinese (Mandarin) | Chinese (Cantonese) |
|---------|--------------------|---------------------|

## Hobbies:

- |          |           |       |        |
|----------|-----------|-------|--------|
| Football | Badminton | Music | Travel |
|----------|-----------|-------|--------|