

Chenxi Li

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Summary

- An optimistic practitioner majored in Operations Research would love to enjoy among the data world.
- 2-year graduate courses with core Operations Research techniques, course-based projects and master thesis.
- 6-month professional industry experience from data preparation, analysis, optimization and output finalization.

Experience

Decision Science Consultant (Intern), Jan-June. 2015 **Walt Disney World** / HQ: Orlando, Florida

- Worked closely with media advertising sales team to develop optimized platform using mathematical skills for ESPN.
- Performed data cleaning, validation, analysis and reporting using SAS.
- Tested on advertising sales user interface for both ESPN Network and ABC Studio.
- Built a unit allocation model in order to decrease liability to advertiser for ESPN.

Assistant Strategy Analyst, June-Aug. 2013 **AIESEC Egypt** / HQ: Cairo, Egypt

- Collaborated with the AIESEC team to help increase the sales of “Magrabi” sunglasses in July by 5%.
- Conducted market research and summary statistics for the sales of branded sunglasses in Cairo.
- Pushed off Giveaways by offering different small gifts along with the purchase of types of sunglasses.

Projects

Master Thesis / The Pennsylvania State University / May. 2015-present

Dynamic Inventory Model for Supplier Selection and Inventory Control Policy

- Built a Mixed Integer Linear Programming model on SAS to solve the problem of supplier selection and inventory control policy in a supplier-manufacturer-vendor serial structure.
- Combined each node of the system altogether into a diagram, and blocked them in different working stages.
- Conducted sensitivity analysis on “ordering cost”, “inventory holding cost” and “price interval” to compare results.

Bachelor Thesis / Shanghai Jiao Tong University / Jan-May. 2013

Improvement and Analysis of Delivery Efficiency for Couriers in FedEx

- Developed a tool to analyze top effects on the efficiency of FedEx Couriers’ delivery speed.
- Summarized a total of 400 investigation questionnaire and conducted basic statics of each option.
- Assembled weighted scores to obtain Analyzed Courier Perception Value using DEMATEL Method, and concluded “Traffic, Route and Weather” as most important factors to on-road efficiency.

Education

The Pennsylvania State University / University Park, PA / Class of Dec. 2015

M.S. in Industrial Engineering & Operations Research / GPA: 3.3/4.0

Minor: Statistics / GPA: 3.6/4.0

Shanghai Jiao Tong University / Shanghai, China / Class of June. 2013

B.S. in Industrial Engineering

Registration: Designing Software of Non-excavation Pipeline Construction Production Service System

Patent: Self-served LED Court Intelligent Lighting System

Competence Technique

SAS

MySQL

Microsoft Word

English

R

Matlab

Microsoft Excel

Mandarin

MINITAB

Simio

Microsoft Presentation

Basketball

LINGO

AutoCAD

Microsoft Outlook

Bicycling

Dear Hiring Manager:

I felt great enthusiasm when I submit application for the Data Analysts position. As a master student with Applied Mathematics background and some industry experience, I believe I am an appropriate candidate for your company.

After obtaining bachelor degree in Industrial Engineering, I continue on my graduate study by focusing on Operations Research (OR). I am lucky to get an internship at The Walt Disney Company and be so close to real data among industry. Although most of time is for data preparation, I am so excited to see all the work finally becomes valid solutions which can help our customers.

Data is the hot topic. Industry experience shows me general idea to build a system. While graduate courses and projects offer me opportunities to charge and improve. Now I am sharpening my OR techniques, and better Statistics skills as well. I would love to work in an innovative and progressing environment, and have the opportunity to touch cutting-edge ideas in the data world. I believe this position can offer a platform gathering smart and hard-working people together to learn from each other collaboratively.

I would graduate this December, during the next few months, I hope to keep in touch with you in hopes that there may be an opportunity to join your firm. Please contact me regarding my application at your earliest convenience. I can be reached by phone at (814) 441-8171 or by email at cruballee@gmail.com.

Thank you so much for your time and consideration.

Best Regards,

Chenxi Li