YI ZHAO

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SUMMARY AND OBJECTIVE

To obtain an internship where my mathematical knowledge and data analysis skills can be challenged and utilized

EDUCATION

Rutgers University, New Brunswick, NJ, USA

Master of Science, Financial Statistics & Risk Management *2015 – 2016*

Shanghai University of Finance and Economics, Shanghai, China

Bachelor of Science, Mathematics & Applied Mathematics, GPA: 3.56/4.0 *2015*

PROFESSIONAL EXPERIENCE

Mercer Consulting (China) Ltd. – Shanghai, China

Benefits & Remuneration Intern (Mercer IS Data Centre Intern) *2015*

- Utilized Excel and VBA to create electronic questionnaires for a benefits and remuneration survey with built in capabilities to apply business rules to validate responses and detect anomalies
- Worked with clients to respond to questions, clarify concepts and compile accurate information.

Shanghai Tailin Industry Co. Ltd. – Shanghai, China

Real estate & Finance Intern (Feasibility Research on Reconstruction Project of Hongqiao No.24 Plot) *2014*

- Prepared market evaluation reports including that include visual data displays for ease of interpretation; modeled growth projections for Shanghai's commercial real estate market using multivariable regression techniques
- Modeled projections for rent increases over a 3-5 year period using linear regression and time series methods
- Analyzed real estate data from five business districts that included unit rental rates, vacancy rate, suitable business type and size to model projections of rents, and to benchmark rents for new or renewal leases, in each district

RESEARCH PROJECTS

The" Keep-Right-Except-To-Pass" Rule (Mathematical Contest in Modeling) *2014*

- Designed experiments to eliminate external distractions and simulate the passing process
- Carried out multiple experiments using a control variable method; calculated and reported the average values across timed tests
- Analyzed road traffic flow with the application of a Cellular Automaton Model

The Optimal Market Ad Expenditure Model *2013*

- Analyzed the impact of two key factors viz. advertising and brand recognition on product sales rates using the Vidale-Wolfe model

TECHNICAL AND OTHER SKILLS

Core Domain Expertise: Mathematical Analysis, Mathematical Statistics, Mathematical Modeling
Computing and Programming: C++, Java, R, EViews, MATLAB, Microsoft Excel, Word & PowerPoint
Communication: good verbal and written communication skills; enjoy problem solving and data analysis
Workplace and Teaming: Comfortable working with colleagues and team members, adapt to work under pressure

HONORS AND ACTIVITIES

Minister of the Party Branch and Youth League in the School of Mathematics, SUFE *2012 – 2013*

- Invited prominent professors and alumni to present to students; held informal salons periodically for students and professors to exchange ideas
- Responsible for personnel evaluations: reviewed the activities of other departments and provided suggestions to improve activities

People's Scholarship, SUFE *(Awarded this scholarship for three consecutive years)* *2012 – 2015*