

JESSICA L. YANG

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PROFILE

- Vigorous training in two technical disciplines (statistics and e-commerce); merit-based, full scholarship for my graduate education
- Proven track record as teaching assistant and statistical scholarship throughout my graduate years
- Experienced in data analysis software (SAS, R, MS Excel, Access)
- Served with distinction in a wide variety of roles such as most productive sales interns, volunteer organizers, community outreach leaders, and disaster relief organizers

EDUCATION

2014	Master of Science: Statistics Kansas State University, USA GPA: 3.67, Full Scholarship
2011	Bachelor of Computer Science Southwest University, China GPA: 3.87, Top 5% of class

EXPERIENCE

09/2012-08/2014	Teaching Assistant, Kansas State University <ul style="list-style-type: none">• Lectured on <Introduction to Statistics> for two classes every semester• Assisted professors and students with their statistic material during office hour• Provided tutoring for all students with statistic problems during help lab hour• Prepare teaching and exam materials individually• Efficiently communicated with both professors and students
09/2013-04/2014	Statistics Consultant, Kansas State University <ul style="list-style-type: none">• Communicated with clients as statistical consultant about their projects• Analyzed data using SAS and achieved satisfied result to fulfill clients requirement and expect• Deeply cooperated with one client from food science and animal institute dealing with how different media types affect the growth of E.coli• Discussed actively with advisor and gave useful suggestion to build SAS code specific for this project• Help client publishing master report• Gave a final presentation about this project
09/2009-07/2010	President of Student Union, Southwest University <ul style="list-style-type: none">• Organized an international symposium with University of Wisconsin-Whitewater to expand horizon through information exchange• Organized a series of conferences about computer and information science in order to improve students computer skills• Organized seminars about job hunting to help students position themselves, understand related careers and apply for jobs• Organized a volunteer team to serve for all students in Southwest University, such as computer maintenance, providing free beverage etc.

10/2007-03/2008	<ul style="list-style-type: none"> Hosted weekly based meeting with students from all departments of student union to do summarize and make schedule for next week
	Campus Sale Intern, China Unicom <ul style="list-style-type: none"> Obtained the opportunity standing out from the crowd to work in China Unicom as an intern Exceeded corporate goals producing roughly \$2000 a month in sales through effective approach Promoted products through combo merchandising and adapting sales strategies to each customer Presented sales performance to team members and prepared information needed to finance team

PROJECT

02/2009-10/2009	Countryside Three Time Program <ul style="list-style-type: none"> Organized and led a volunteer team to the underdeveloped area Tongjiang county Planned campus activities and raised donation for Yonganba Elementary School. Provided books, computers and some other teaching materials Condole with the family of Xiaochao Gou who is the hero of Wenchuan earthquake Organized a photo exhibition to introduce developed agricultural technologies and help local farmer farming more scientifically and efficiently
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THESIS

10/2013-present	Robust Fitting of MFA Using the Trimmed Likelihood Estimator <ul style="list-style-type: none"> Proposed the mixture model of factor analyzers (MFA) with standard normal distribution (Latex) Estimated missing variables by a common method-EM algorithm Proposed my own way-trimmed likelihood estimator for estimating missing variables direct at the situation when outliers exist Compared these two method via simulation and real data with R program
10/2010-05/2011	Evaluation of Online Travel Websites <ul style="list-style-type: none"> Selected representative 10 travel websites and evaluated by previous evaluation systems Adopted hierarchical structure to build a specialized evaluation system to travel website Evaluated these 10 website by the new evaluation system Analyzed the effect factors by taking systemic and local modality in combination based on the quantitative scores they got from the new evaluation system

CERTIFICATIONS

Actuaries Exam P
SAS advanced Programming
National Computer Rank Examination Grade 2

LANGUAGE

Native Chinese Mandarin
Professional in English