Jinglan Sun

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OBJECTIVE

A position in SAS programming or statistical analysis

SKILLS SUMMARY

- 4-year of SAS (Windows and UNIX) and R programming experience combined with excellent mathematical and computational abilities
- Extensive analytical skills in various statistical inference methods along with the ability to find practical solutions to certain needs
- Highly proficient in data management and SQL queries
- Excellent Microsoft Excel skills
- Excellent written and oral communication skills

EXPERIENCE

Graduate Student, Northern Illinois University, September 2009 to Present

- Perform regression, explanatory and factor analysis on salary of baseball players based on their performance, implemented by PROC GLM in SAS
- Identify the risk factor for the number of rehospitalization and estimate the strength of the association using zero-inflated poison and binomial models, implemented by PROC GENMOD/COUNTREG in SAS
- Develop appropriate model for depression scores and reported the effects of treatments and other covariates using longitudinal analysis, implemented by PROC MIXED in SAS
- Investigate the relationship between antidepressant use and increased risk of suicidal behavior of children, implemented by PROC FREQ in SAS
- Estimate the effect of genetic and environmental factors in adoptees using log-linear model, implemented by PROC CATMOD in SAS
- Forecast oil price using time series data analysis, implemented by R package
- Diagnose the accuracy of the model using repeated cross validation
- Develop classification rules based on biomarker measurements for nodal status
- Design and analysis of experiments including complete/incomplete block, Latin square, split plot, cross over and factor experiments

Graduate Teaching Assistant, Northern Illinois University, September 2009 to Present

- Design lesson plans for elementary statistics students
- Teach fundamental concepts in statistics to 60 students each semester
- Grade and provide feedback on students' homework
- Help students in Statistical Assistant Center

EDUCATION

Master of Science in Statistics, August 2011
Northern Illinois University, DeKalb, IL GPA 4.00/4.0
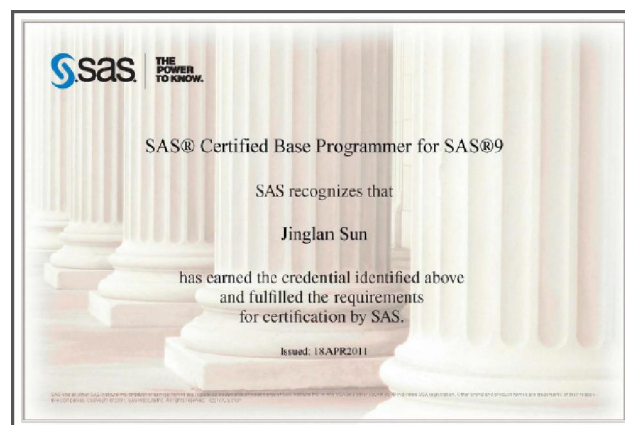***Master of Science in Mathematical Finance, May 2009***
Illinois Institute of Technology, Chicago, IL GPA: 3.75/4.0
Bachelor of Science in Computer Science, Jun 2007
Capital University of Economics and Business, Beijing, China GPA: 3.20/4.0

CERTIFICATE AND HONOR

- SAS Certified Base Programmer for SAS 9, 2011

- Merit student of Department of Mathematical Science, 2011
- Carol J. Feltz Scholarship, 2010