
SUMMARY

As a graduate with strong statistics and mathematical background from UVA, I am looking for an entry level statistician or data analyst position. I am a self-motivated starter, a good communicator, a team player, always eager to work in flexible and diverse environment and multidisciplinary people. I am result driven and believe delivery better than a thousand words.

EDUCATION

M.S. in Statistics, University of Virginia (Dec 2008)

B.S. in Mathematics, Huazhong Normal University, China (Jun 2001)

COMPUTATIONAL SKILLS PROFILE

Proficient with SAS, R, SPSS, MS Office Suite, Matlab, Minitab and Mathematica

Familiar with SQL coding and scripting

RESEARCH EXPERIENCE

- “Determine correlations between radiation therapy of malignancies and development of coronary artery disease”: I teamed with medical doctoral students and my role involves heavy SQL coding and scripting, as well as literature and internet information synthesis. It improved my ability of cooperation, communication and organizational skills.
- “Blood measurements on 43 diabetic children”: I independently developed a linear model and evaluate the confidence intervals of parameters based on the data from database.
- “What time is optimal time to end an auction on eBay business”: Collected data from sellers on eBay, then synthesize this information to build the appropriate model. I used SAS to do the deep and detailed analysis.
- “What influences UVA donors to give money to Annual Fund”: I merged multiple years’ data to get overlapping identification numbers. I used a logistic procedure. Based on the output, I used Excel to calculate confidence intervals and correlations between one group and another.
- “Remote sense image edge detection based on wavelet transform and mathematical morphology”: I applied Matlab for calculation and Excel to present results.
- “Conduct research on the real estate market”: I collected the data from the related website and forecast the price of the house in 2009 under the ITSM environment.
- For above projects, the final results are explicitly and graphically delineated in reports respectively. Final presentations were delivered followed by group discussions and error checking procedures.

PROFESSIONAL EXPERIENCE

I taught "Calculus" and "Linear Algebra" in Department of Mathematics, Wuhan Polytechnic University during July 2001 and Dec 2005. I am proud to be the "Best Class for Calculus" award winner for 2004 and 2005 in this university.

STATISTICS COURSES TAKEN

Applied Linear Models

Applied Multivariate Statistics

Database management system

Statistical Consulting

Time Series

Data Mining Machine Learning