Yun Zhang

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EDUCATION

University of Connecticut, Storrs, CT

Master of Science, Statistics   May, 2015

Shanghai Jiao Tong University, Shanghai, China

Bachelor of Science, Mathematics & Applied Mathematics, Minor in Accountancy   June, 2013

COMPUTATIONAL SKILLS

Proficient in **SAS**, SAS Marco language, SAS/SQL, SAS/Base, SAS/STAT

SAS Certified Advanced Programmer for SAS 9   (98/100)   Mar,2015

SAS Certified Base Programmer for SAS 9   (87/100)   Mar,2015

SAS Certified Statistical Business Analyst Using SAS 9: Regression and Modeling (82/100)   June,2015

SQL, Data retrieving, Filtering, Subqueries, Table Joins/Creates, Insert/delete data

R/R studio, If-else/for/while loop, Loop functions, Debugging tools, Simulation and Profiling

Excel, Create, Manipulate and formulate spreadsheets, Vlookup, Pivot tables, Charts and graphing

Familiar with: C/C++, Matlab, Hadoop, Python
Applications: Microsoft Office: Word, Powerpoint

PROJECT EXPERIENCES

University of Connecticut, Storrs, CT, Department of Statistics

#1 *Statistical Research*, under instruction of Professor Yuping Zhang.

"Lasso theory and its extension in the animal QTL mapping."

Used Matlab codes of Lasso and its extensions to perform penalized fits, in order to figure out the effects of QTLs and make predictions.

#2 *Applied Statistics Project*, under instruction of Professor Elizabeth Schifano.

"Impact Factors of Crime Rate"

Performed multiple linear regression to test different factors' (total of seven, like Gini coefficients, etc.) effects on the crime rate in China. Utilized Proc Import to load in the data, Proc means to summary the data, Proc plot to make graphical displays and Proc Reg to perform Multiple Linear Regression.

#3 *Time Series Project,* under instruction of Professor Nalini Ravishanker.

 "State-Space Model Fit for Electroencephalography Data."

Utilized R programming skills (data loading, cleaning and analysis) to Fit Kalman filter and Kalman smooth model to the children EEG data, in order to predict the start time of the seizure.

WORK EXPERIENCES

Shanghai China Link Private Equity Investment and Management Co. Ltd.

Summer Intern, Summer 2011 & 2012.

- Assisted with analysis of the target companies' accounting statements.
- Collaborated statistical analyst to collect, process and analyze financial data using Excel.