RUI **WANG**

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**Summary**

I am a statistician with solid background in statistical theory and 5 years' experience in financial analysis, which enables  
me to construct quantitative model from large datasets.

**Highlights**

PROFESSIONAL EXPERIENCE: COMPUTER SKILLS:

Mastering knowledge of supervised/unsupervised Programming Language: Python, C, C++;  
statistical learning methods and techniques for Statistical Software: SAS, R, S-Plus;  
classification/prediction problems: Support Vector Experience with Bloomberg, MongoDB, SQL, etc.  
Machines, Regression with Regularization, PCA, ICA,  
Clustering, Neural Networks and multiple adjustment.

**Experience**

**Graduate Research Assistant 07/2014 to Current**  
**College of Medicine, University of Cincinnati Cincinnati, OH**  
Developed statistical and bioinformatics methods for diverse genomics data types(Big Data)

**Graduate Research Assistant 09/2013 to 05/2014**  
**College of Pharmacy, University of Cincinnati Cincinnati, OH**  
Used SAS to read, clean, marge and extract coronary heart disease data from large size hospital data(infile, merge).  
Developed a predictive model by logistic regression model. Fit the Cox Hazard proportional model.

**Contractor Statistician 08/2008 to 09/2009**  
**P&G, Sharon Woods Innovation Center Cincinnati, OH**  
Conducted statistical analysis on clinical trials of the Beauty Care products.

**Graduate Research Assistant 09/2006 to 08/2008**  
**Statistical Consulting Lab, University of Cincinnati Cincinnati, OH**  
Provided statistical consulting for graduate research projects.

**Education**

**PhD**: **Statistics**  
University of Cincinnati Cincinnati, OH, US

2007/07 --- Present, PhD Canditate

**M.S.**: **Biostatistics and Bioinformatics**  
University of Cincinnati Cincinnati, OH, US  
G.P.A.: 3.9/4.0, 2014/01 --- Present

**M.S.**: **Statistics**  
University of Cincinnati Cincinnati, OH, US

09/ 2005 --- 06/2007

**B.S.**: **Automatic Control**  
Beijing Institute of Technology Beijing, CN  
G.P.A.: overall – 3.6/4.0, 09/1998 --- 07/2002

**Project**

Applying Bayesian analysis on US stock market return data.(GARCH model and Markov Chain Monte Carlo)  
Estimating VaR(Value at Risk) of a portfolio by fitting multivariate time series.