

SUMMARY OF QUALIFICATIONS

- Three years of experience in statistical programming and analysis
- Skillful in statistical methods, including model development, regression (linear & logistic), ANOVA, categorical analysis, survival analysis, mixed model, longitudinal model, nonparametric, sample size calculation, etc.
- Proficient in SAS (Base, Macro, STAT, ODS)
- Data analyst with background in big data analysis, visualization and forecasting using statistics and data mining technique in Microsoft Excel and Statistics Software, such as R, SAS, and ITSM
- Programming Experience in R, MATLAB, C, C++, and Java
- Microsoft Access, Excel, and Word

EDUCATION

Master of Science in Statistics

May 2012

Michigan State University | East Lansing, MI

- Course work in Applied Mathematics, Statistics and Data Mining
- 3.7/4.0 GPA

Bachelor of Science in Information and Computing Science

Jul 2010

Shenyang University of Technology | Liaoning, China

- 2nd Prize in University Scholarship
- 3.72/4.0 GPA

PROFESSIONAL EXPERIENCES

Statistical SAS Programmer

Aug 2012 –Present

Daiichi Sankyo | Edison, NJ

- Collaborate with statisticians, clinical leader, and other members of clinical study team to provide scientific support for Clinical Study Report development, publications and presentations of clinical trials.
- Create and modify SAS macros for data cleaning, validation, analysis and report generation
- Review clinical study protocol and statistical analysis plan(SAP); prepare documents and test required programs for generating analyses datasets and deliverable results
- Build or apply macros to produce Ad-Hoc tables
- Direct customized SAS outputs to RTF or HTML or CSV files.
- Conduct regression, correlation studies and analyses of variance by using PROC LOGISTIC, PROC GLM, and PROC ANOVA
- Develop, modify, validate and implement SAS programs and Macros to generate Tables, Listings and Figures (TLF) from SDTM and ADaM datasets according to SAP and Table Shell
- Completed full set of statistical analysis and provides statistical supports for NDA submissions
- Cross-validate programs with others and compared outputs and proofread programming code

PROJECT EXPERIENCE

Project: Using Neural Networks for High Frequency Forecasting

January 2012 –May 2012

Dow Chemical Company | Midland, MI

- Applied Neural Network to the high-frequency time series data analysis
- Examined model comparison with the classical regression models, both Polynomial and ARIMA models
- Developed report and presented to the Advanced Analytics at Dow Chemical Company

CERTIFICATIONS

- Principles of Clinical Pharmacology
- SAS Certified Base Programmer for SAS 9 Credential
- SAS Certified Advanced Programmer for SAS 9 Credential
- Passed EXAM P (Probability) of SOA (Society of Actuaries)
- Passed EXAM FM (Financial Mathematics) of SOA (Society of Actuaries)