**ANKITA SINGH**

**Objective**

Seeking a **SAS Programmer/Data Analyst/Statistician** position in **Pharmaceutical/Biotechnology/Healthcare industry** to utilize and implement my knowledge and grow as an individual as well as a team.

**Professional Summary**

**Experience:** Over 5 years of experience with strong emphasis on design, analysis, development and implementation of SAS programming tools and methodologies**.** Hands-on experience with **clinical trials, business development and BI projects involving MACROS, BASE SAS and Enterprise**.

**Knowledge Base:**

* Extensive experience with **SAS BASE**, SAS/ACCESS, SAS/SQL, SAS/MACRO, SAS/STAT, SAS/GRAPH, SAS ODS, SAS/CONNECT in Windows environment.
* Experience in developing **SAS Procedures, Macros,** and application for data updates, data cleansing, documentation and reporting.
* Thorough knowledge of **advanced SAS/STAT** procedures including ANOVA, **Categorical Data Analysis,** Multivariate Analysis, Nonparametric Analysis, Power and Sample Size Computations, Logistic Regression, Sampling, and Data modeling.
* Strong ability to manage and **manipulate databases** according to users' needs, and in programming and analysis.
* Experience in producing external files and reports employing various SAS procedures, like **Proc Print, Proc Report,** Proc Summary, Proc Freq, Proc Mean, **Proc SQL.**
* Solved business problems, gathered data, transformed databases, performed research analysis against data warehouse, interpret data and publish/generate reports
* Experience in using SAS to read, Import and Export to another data file formats, including Delimited files, DBF, MDB and Spreadsheet files.
* Proficient of connecting SAS System with database systems, such as Microsoft SQL to retrieve data and create SAS data sets.
* Excellent experience in exporting SAS results to different formats, such as HTML, Excel, and PDF by using SAS/ODS for report and presentation
* Expertise in clinical data analysis in Biological/Pharmaceutical, clinical data management, and healthcare industries.
* Excellent presentation skills using Microsoft PowerPoint, SAS Table, SAS Graph, and SAS Chart.
* Solid background and formal education in statistics modeling, experimental design, and other statistics concepts.
* Extensive experience in Microsoft Office suite, including Microsoft Word, Excel, Access, PowerPoint, and Outlook.
* Excellent organizational, teamwork, presentation and interpersonal skills.
* Applying critical thinking, problem solving, and decision making skills to dismantle complex problems and optimize solutions.

**Soft Skills:**

**Operating Systems:** Windows 98/2000/NT/XP/Vista/7, UNIX.

**Environments:** SAS 9.2 (Windows XP / UNIX); SAS BASE, MACRO, ACCESS, GRAPH, STAT, SQL, ODS; Oracle Clinical Database; Mainframe.

**Statistics Skills:** SAS 9.2, R, Design of Experiments (DOE®), MATLAB, ARENA.

**Databases:** MS SQL, MS Access, MS Excel,

**SAS Skills:** SAS/BASE, SAS/STAT, SAS/GRAPH, SAS/ODS, SAS/SQL, SAS/ACCESS, SAS/MACRO, OLAP.

**Software:** MS Word, MS Excel, MS PowerPoint, MS Access, Microsoft expression.

**Interpersonal Skills:**

* Excellent **organizational skills,** including **critical thinking, problem solving attitude** and **decision making aptitude**.
* Good communication skills, detail oriented, hard-working and comfortable in handling multiple time-lined projects simultaneously along with strong teamwork and leadership skills.

**Professional Experiences**

1. **DATA ANALYST**

US EXIM CORPORATION ….NJ **September2010–Present**

**Responsibilities:**

* Imported data in various formats (excel, text and access) into SAS datasets.
* Used procedures like PROC REPORT, PROC FREQ, PROC TABULATE, and PROC MEANS to generate data tables, data listings and reports.
* Developed and maintained general-purpose SAS programs/Macros for the validation, Extraction, Presentation, analysis, and reporting.
* Created graphs by procedures from SAS/GRAPH, like PROC GPLOT, PROC REG and PROC GCHART.
* Conducted and generated the Regression, Correlation studies and Analysis of Variance using PROC REG, PROC CORR and PROC ANOVA.
* Created summary reports using various procedures and formatted HTML, RTF or PDF reports using SAS/ODS (output delivery system).
* Responsible for locating appropriate databases for projects and performing relevant analysis.
* Involved in development and enhancements of SAS Programs for user acceptance and generating reports, tables and listing.

1. **RESEARCH ASSOCIATE**

AERIN BIOTECH PVT LTD., HYDERABAD, INDIA **July’04- July’05**

**Responsibilities:**

* Performed statistical programming for listings, summaries, graphs; provided secondary review of others output, created and maintained necessary documentation.
* Conducted statistical analysis using **SAS/STAT (e.g. Proc GLM, Proc MIXED, Proc FREQ, Proc LOGISTIC, Proc LIFETEST, Proc PHREG, etc.).**
* Developed SAS programs and Macros to produce clinical reports including tables, listings and graphs summarizing descriptive and inferential statistical analysis of study result. Documented and maintained SAS programs/Macros. Verified statistical programs and results.
* Interacted with data management team to understand the data and clarified the queries
* Extracted and maintained SAS data sets from the raw data created by the data management group.
* Integration with the production environment and business process components
* Used Define.PDF for defining data tables according to **CDISC standards**.
* **PROC SUMMARY, PROC MEANS, PROC TABULATE** was used for report generation.
* Provided SAS programming and statistical support to the clinical studies.
* Assisted in validation, edit checks and data review listing.
* Created **Summary Reports** and **tabular reports** using **Proc Report**.
* Developed SAS macros to generate graphs and reports based on combined datasets, performed statistical analyses with output delivery procedures.
* Cross-validated SAS programs authored by other SAS programmers as a part of QA (quality assurance).