Siyu Guan

Statistical Programmer

Summary

• 3+ years SAS experience as a SAS programmer on analysis, design, development, testing and implementation of Clinical Trial projects in Pharmaceutical and Healthcare Industry
• Participate in project lifecycle in conformance with the Systems Development Life Cycle (SDLC): requirements gathering, programming, testing and troubleshooting, quality assurance, and creation of final deliverables
• Strong Project Management skills in leading statistical programming projects and coordinating programming teamwork
• Good experience in providing macro development, graph generation and programming guidance to support colleagues
• Extensive knowledge in SAS products including SAS/ BASE, SAS/MACRO, SAS/STAT, SAS/ODS, SAS/ GRAPH under Windows/XP/UNIX environment
• Experience in TLF programming, Macro Programming to produce HTML, RTF and PDF formatted files employing various SAS procedures
• Broad knowledge and strong background of Statistic Analysis Method
• Good experience in Phase I to Phase IV clinical trial studies including multiple therapeutic areas
• Familiar with the related process of blinded and unblinded tasks
• Hands-on experience in EDC systems including Inform, DataLabs, and Raves
• Extensive knowledge of CDSIC standard SDTM IG version3.1.2/3.1.3/3.2, SDTM IG for the specific sponsors
• Involved in the creation of SDTM and ADaM deliver package, including define.xml and OpenCDISC report
• Strong ability to work on multiple tasks simultaneously in the assurance of deliverable quality and process compliance.
• Flexibility to work in irregular hours and work overtime for emergent deliveries to meet tight deadlines
• Excellent problem-solving skills, data analytical skills and advanced mathematical skills with highly organized and self-motivated personality
• Excellent written, oral, and interpersonal communication skills; attention to details
• Advanced knowledge of MS Office tools (Word, Excel, PowerPoint and Access)

Experience

Statistical Programmer # at PAREXEL

January 2013 - Present (3 years 5 months)

- Lead multiple projects as the primary statistical programmer at the same period of time.
- Implement plans to delivery goals.

- Probe with biostatisticians into the questions regarding to application of statistical methods and chart display in data processing.
- Setup and debug the configuration files for programming preparation in the environment of SAS system.
- Perform statistical reviews and provides feedback on clinical trial documents including CRF, SAP, mock-up shell, DVS (data validation spec), PDS (protocol deviation spec), DTA (data transfer agreement), datasets review listing to meet all programming requests.
- Generate analysis documents and datasets independently such as annotated CRF, SDTM mapping specification, AdaM spec as specified in the statistical analysis plan (SAP) and mock up shells.
- Conduct front-end SDTM processing, consisting of creating SDTM datasets, preparation of CDISC standard SDTM deliver packages in cooperation with CDAs (Clinical Data Analysts) and coders to produce PD listing, offline listing, patient profile, coding information and eData integration.
- Conduct back-end ADaM processing, including generating AdaM datasets, TLFs (tables, listings and figures) to provide support with high quality deliverables according to the project strategies.
- Work timely and efficiently in designing and testing program logic and documentation.
- Prepare data analysis outputs for different study stages, such as DEM, DCM, Monitor Meeting, DMC, interim, final, ad-hoc according to internal and external requests.
- Provide on-the-job training for using technical software in compliance with statistical programming standards within and across project teams.
- Organize seminars, lectures and intra-department meetings to present SDTM, Adam, TLF and other related programming and professional knowledge.
- Share working experience and technical knowledge with new employees to assist their daily work.

Education

Sichuan University

Master's degree, Public Health, 2010 - 2013

Activities and Societies: participated in reserch project for birth defects in primary prevention of sichuan province; assisted in statistical analysis for clinical trial of Gansu Duyiwei biological pharmaceutical Ltd.

Sichuan University

Bachelor's degree, Economics, 2008 - 2010

Sichuan University

Bachelor's degree, Public Health, 2005 - 2010

Activities and Societies: as an intern in West China Hospital of Sichuan University from Sep. 2008 to Jan. 2009; as an intern in Center for Disease Control(CDC) in Chaoyang District of Beijing from Jul. 2009 to Aug. 2009

Skills & Expertise

SAS, SPSS, R, Stata

Microsoft Office Suite, Adobe, WinSCP

Windows NT/2000/XP, UNIX

Languages

English (Professional working proficiency)

Chinese (Native or bilingual proficiency)

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Contact Siyu on LinkedIn