

Prometric (www.prometric.com) is the recognized global leader in technology-enabled assessment services, providing paper-and-pencil, Internet and computer-based testing solutions. It offers a fully integrated testing system that includes test development, test delivery and data management capabilities. On behalf of 600 current clients in the academic, professional, government, corporate and information technology markets, Prometric develops and/or delivers assessments through a global network of testing centers in 132 countries as well as direct to candidates via the Web.

The Psychometrician will provide customized statistical and psychometric analysis support for test development. The duties include: determining the appropriate psychometric theory and models for scoring, software, and procedures to develop psychometrically sound exams. Duties also include designing and developing psychometric structure of exams, data collection design, equating, linking and scaling, standard setting, psychometric analyses using standard and customized psychometric analysis tools and statistical software packages such as SAS and SPSS as well as the proprietary item banking system, Intelitest, providing quality control checks of data analyses results and reports, and providing general and special research studies and psychometric expertise to business units.

- Code, run, and check existing computer programs as part of the psychometric processing for projects within the company.
- Provide quality control analyses for programs.
- Prepare planning memoranda and documentation related to item banking, psychometric analysis, and test development for a variety of programs.
- Prepare technical reports for projects.
- Develop knowledge of computer programs and processing systems for computer-based testing programs as requested.
- Maintain data files and records related to a variety of item banks, and share these records with other team members as needed.
- With other team members, establish and implement strategies to facilitate achieving the goals of programs.
- Identify and implement initiatives that will enhance the efficiency and reduce costs related to psychometric processing for testing programs.
- With team, responsible for budget development and monitoring of expenses associated with psychometric analysis work. Monitor the test development pipeline, deliver test development products to specifications.
- Perform other tasks as assigned

Experience and Skills

A Masters degree or PhD in Psychometrics, Educational Measurement or a closely related field is strongly encouraged, or an equivalent combination of education and experience from which comparable knowledge and skills can be acquired.

Knowledge of and experience with database software (e.g., ACCESS, ORACLE, etc.) is strongly encouraged. In addition, knowledge of user-oriented software including word processing software (e.g., Word, WordPerfect), spreadsheets (e.g., LOTUS, QUATTRO, EXCEL), statistical packages (e.g., SAS, SPSS), as well as knowledge of generalized proprietary software is desired.

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