



PRINCIPAL PSYCHOMETRICIAN

www.istation.com

istation, an educational technology company is seeking to hire an in-house Psychometrician to perform the various duties described below.

istation, is a fast-paced growing company, located in Dallas County in the City of Richardson, Texas. Our company has been in the educational technology field for over ten years. Our mission is to become a leader in education by providing Internet and Web-based software and services that improve student performance and productivity for educators through the use of technology. By integrating best practices into Internet/Web-based teaching and continuous assessment software, individualized instruction could become the norm and best practices infused back into the classroom.

For more information about our Company and products please go to our website at: www.istation.com

Responsibilities and Functions include:

- Conduct IRT analyses, including item calibration, parameter drift, and DIF
- Working with Engineering team to maintain and improve existing CAT (Computer Adaptive Testing) delivery system
- Conduct classical analyses, including correlations, ANOVA, and multiple regression.
- Manage large scale research in an applied educational setting.
- Develop research designs for item calibration, validity, norm setting, and efficacy studies.
- Develop technical documentation, and technical reports to support customer needs and in response to RFPs.
- Work with SEAs and LEAs to summarize key findings, growth trends, and program usage.
- Perform duties as PI in existing SBIR grants and submissions in various other large scale grant application.
- Present product theory and results to various existing and potential customers in coordination with the sales and marketing teams.
- Educate and provide product theory and research support to istation sales and marketing teams.

Qualifications:



- Masters Degree mandatory and Ph.D. in educational psychology, educational research, measurement and assessment, or related field. (Candidates in the process of defending their dissertation may be considered).
- Minimum 3-5 years of applied measurement/statistical experience.
- Proven experience in the investigation, analysis, and reporting of field data.
- Experience required with Computerized Adaptive Testing system design and maintenance
- Experience filtering and organizing large volumes of data prior to analysis.
- Strong ability to understand/incorporate the big picture into the details of an analysis.
- Sound ability to deliver practical results in a timely manner.
- Proven experience utilizing statistical methods and research designs for data analysis.
- Strong proficiency in project management and organizational skills.
- Ability to effectively conduct and execute multiple projects simultaneously.
- Strong technical writing experience.
- Ability to convey complex issues to a non-technical audience.
- Track record of successful problem-solving and a strong detail orientation.
- Advanced knowledge of Excel and other MS Office applications.
- Experience with statistical analysis software, such as SPSS or SAS, and assessment software, such as BILOG.
- Ability to present and speak to various audiences regarding product theory and results.
- Moderate travel required, sometimes with short advance notice.

All resumes and inquiries should be emailed to:

Sandra K. Thomas,
istation, COO
sthomas@istation.com
www.istation.com