SRI – Psychometrics Research Intern/Post-doc Position

SRI International (formerly the Stanford Research Institute) is looking for a research intern/post-doc focused on psychometrics and statistical modeling. The intern/post-doc will work with the researchers at SRI and the University of Illinois at Urbana-Champaign (UIUC) on an Institute of Education Sciences (IES) funded project, which uses statistical and machine learning techniques to understand the differences in test-taking processes for learners with and without disabilities. An individual accepted into this position will spend at least 80% of their time conducting statistical analysis in the secure data room for this project in SRI's Menlo Park office. Depending on interest and funding, the hired individual could work on a variety of other IES, NSF, and private foundation funded projects at SRI. As part of the research team, the intern/post-doc will have the opportunity to receive psychometrics and machine learning training from SRI and UIUC and co-author papers with the PIs.

Qualifications:

- Two years of coursework in a Ph.D. program or a Master's degree completed in a relevant field.
- Fluent in R programming, including writing statistical functions, data manipulation and visualization, and regular expressions (e.g., handling string/text/log data).
- Knowledge in statistics and data science including hypothesis testing, linear and generalized linear models, and the basics of supervised/unsupervised learning.
- Experience with machine learning, natural language processing, and text mining is a plus.

Application Procedures

Please send your curriculum vitae and a cover letter highlights the courses or training that qualify you for this position to xin.wei@sri.com.

Logistics

- This position is at full-time for the first 2 months. This position can be extended to up to 2.5 years.
- Starting date can be as early as July 1st, 2021.
- It is not a remote position. Working in the secure data room in SRI's Menlo Park California office is required.
- Authorization to work in the US for any employer. If selected, F-1 holders will need to apply for Curricular Practical Training authorization through their school's international student office.

Compensation

- We offer very competitive compensation.