Data Analyst for Eye-tracking Research

The Second Language Acquisition Laboratory at the CUNY Graduate Center (SLAL) is seeking a part-time Data Analyst with experience in eye-tracking research and strong knowledge of R. The SLAL conducts eye-tracking studies on language and language processing in bilingual adults and children. We are looking to hire an individual with extensive experience in data cleaning, data preparation, statistical analysis, and data visualization using R. The individual should have experience analyzing eye-tracking data (reading data, visual world, pupillometry) and behavioral data (e.g., ratings, accuracy, reaction times). The individual should be well-versed in relevant statistical analyses, including growth curve analysis and multilevel modeling. The individual will have the opportunity to participate in the writing of journal articles as a co-author.

Targeted start date: Immediately

Details: part-time, in-person (NYC) or remote (must be authorized to work in the US)

Responsibilities:
• Process and visualize eye-tracking and related behavioral data
• Lead the statistical analyses of eye-tracking and behavioral data
• Produce written statistical reports and oral presentations
• Meet regularly with lab researchers to discuss experimental data and statistical analyses

Required:
• Degree in the computational social sciences, Statistics, Computer Science, Data Science, Neuroscience, or related fields
• Experience with analyzing eye-tracking data
• Experience with growth curve analysis and multilevel modeling
• Strong programming skills in R
• Experience modeling different data types, including binomial (e.g., GLMMs, GEEs), ordinal (e.g., CLMMs), and proportional (e.g., beta regression models) data

Preferred:
• Experience processing, analyzing and interpreting behavioral data.
• Knowledgeable about multiple approaches to analyzing eye-tracking data (e.g., GAMMs vs. LMMs, growth curve vs. slope analyses, etc.)

Please send a CV/resume with detailed descriptions of relevant experience and the names and contact information for three references to the Second Language Acquisition Lab at slal@gc.cuny.edu. Include as the subject line Application for Data Analyst Position.