Mohammad Nayeem Hasan  
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Dear HR,

I write to express my interest in the advertised position of Research Associate/Data Analyst III, with a concentration on network studies of HIV prevention. Holding a Master's degree in Statistics and double major in Computer Science, with over five years of experience in data science and statistical analysis, I am attached to the possibility of joining your research team in support of your work in causal inference and network science.

In my previous roles, I have successfully implemented statistical methods using R and Python to analyze complex datasets, including those related to HIV and substance use studies. Published on ***AIDS Res Ther*** 2022, “Knowledge of HIV/AIDS among married women in Bangladesh: analysis of three consecutive multiple indicator cluster surveys (MICS)”. My experience includes coding and developing user-friendly software tools, performing advanced statistical analyses such as generalized linear mixed models and generalized estimating equations, and interpreting results to inform project outcomes (<https://github.com/nayeemlab>). I am particularly adept at cleaning and managing large datasets, ensuring their integrity for rigorous analysis.

I am passionate about advancing methodologies at the intersection of causal inference and network science (<https://www.webofscience.com/wos/author/record/G-9469-2019>). In the majority of my published work, I primarily focused on developing research methodologies and conducting statistical analyses to derive results. I have contributed to literature reviews (Journal of Health, Population and Nutrition, Scientific Reports, BMC, Research in Health Services & Regions, PLOS Global Public Health, and PLOS ONE), among them I am editorial board member of PLOS ONE & Frontiers in Water. I have presented findings at various team meetings, written reports, and conferences. Among various conference presentations, I was Oral presentation on “Global case-fatality rate of COVID-19 is declining since May 2020” at the “World One Health Congress 2020” Conference. My strong written communication skills enable me to effectively prepare manuscripts and educational materials, ensuring that complex concepts are accessible to diverse audiences.

I am an active member of the team through organizing team meetings and workshops, coordinating, developing, and sharing ideas. I am proficient in the use of project management software to track progress and communicate with other team members. I pride myself on my liaison role-working effectively with various collaborators towards the realization of set objectives. Currently, I am leading several teams in my profession and voluntary research platform. I am especially attracted by this opportunity to exercise my skills in statistical data analysis and data management to make contributions to your very important work in HIV prevention. Given my background and overall enthusiasm, I believe I would be a good fit for the post. I look forward to discussing with you how I might best serve your team in pursuing its research objectives.

Thank you for considering my application. I hope to hear from you soon.

Sincerely,

Mohammad Nayeem Hasan