Alison M. Rector

September 26, 2022

Senior Research Scientist [Education & Public Health] - **Application**

To Whom It May Concern,

I am writing to apply for the Senior Research Scientist role at Far Harbor, LLC in Austin, TX. I am a PhD candidate and Graduate Research Assistant at University of Texas Health Science Center at Houston - School of Public Health in the Biostatistics and Data Science department. Additionally, I am a Research Assistant at Baylor College of Medicine, where I perform the statistical analyses for environmental epidemiology studies involving birth and child outcomes. I have experience cleaning, managing, and analyzing data in a variety of settings using a wide variety of analytic tools, including (but not limited to) R, RStudio, Git, GitHub, Python, SQL, and SAS.

I have had the good fortune to collaborate on teams with multiple statisticians and data scientists, as well as working independently on projects as the only statistician and data scientist. I also have had several opportunities to write reports for and present results to both technical and non-technical clients. I have worked on projects involving analysis applied to a variety of study designs including prospective population-based cohort, longitudinal stepped-wedge cohort, and retrospective observational designs. I adapt and learn quickly in a variety of settings, and enjoy challenging environments to continue learning and growing in my technical abilities.

I am excited about this role because I enjoy statistical analysis, especially when I am able to work on projects that involve communicating results of a statistical analysis to clients or teams who are able to benefit from the knowledge gained from the results. I enjoy analyzing and visualizing data, as well as collaborating with others to ensure that data is structured and cleaned appropriately for each analysis goal.

Best,

Alison M. Rector