Dear Hiring Manager,

I am very interested in Data Science Analyst II position at Mount Sinai Health System. I carefully read the JD on your career site and based on my experience and skills, I evaluate myself a good fit for this position.

I am currently with NEC Labs and collaborated with Lockheed Martin on their space project. Prior to that, I worked for Honeywell Connected Enterprise and before that I have various internships in pharmaceutical and insurance industry. I obtained my Ph.D. in 2016 from Rutgers University, my research is focus on mathematical optimization.

I have rich experience in solving clients' business challenges by delivering effective analytical solutions. At NEC I worked closely with spacecraft engineers and learned current bottleneck in anomaly root cause analysis. I performed extensive analysis with high-dimensional time series data, identified precursors of maneuvers and pattern of anomalies, proposed and developed deep learning based event prediction and anomaly detection algorithms. This solution received very positive feedbacks on various POC tasks. At Honeywell, we delivered cloud-based energy theft detection solution to Memphis Water, Gas and Light. I led a team of junior data scientists and data engineers to perform massive statistical analysis with heterogeneous energy consumption (time series) data and smart meter events and status data. The final solution and pipeline were implemented with Spark and Scala.

Overall, I am a well-grounded modern data scientist, with deep understanding in business and strong modeling capability, familiar with each phase of machine learning project - from fist contact to model production, monitoring and retraining. In addition, I have well exposed to large scale cloud-based computing environment, as well as taking responsibilities in project management and team collaboration. Attached please find my resume and I look forward to speaking you and team to learn more.

Best regards,

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