Denis Ostroushko

I am writing to express my interest in the Biostatistician role with NMDP (Be The Match). With a Master's degree in Biostatistics, five years of hands-on experience, and a track record of successful projects, I am confident in my ability to contribute effectively to your team. In my dynamic career, I have spearheaded data analysis initiatives in both industry and academic settings, showcasing my commitment to leveraging statistical modeling for informed decision-making.

My proficiency in statistical modeling is a cornerstone of my skill set, evident in my role as a Graduate Research Assistant at the University of Minnesota, Division of Biostatistics. Collaborating with two research groups, I led studies on the impact of cohort definition on Alzheimer's Disease progression and search of variables associated with AD. Through rigorous statistical analysis and machine learning techniques I translated findings of well designed studies into actionable insights, enriching medical knowledge and enhancing clinical decision-making processes.

What sets me apart is my ability to collaborate seamlessly with subject matter experts and swiftly grasp complex contexts to enhance statistical analyses. During my tenure as a Healthcare Analyst at Medica, I worked closely with business partners and the member identification team, applying statistical models and simulations to assess member assistance programs and improve risk models for hospital readmission. These collaboration resulted in an additional $1,000,000 annualized savings and a 15% improvement in the AUC score of predictive models.

With a strong foundation in statistical methodologies, proficiency in tools such as SAS, R, and Python, and an M.S. in Biostatistics from the University of Minnesota, I am confident in my ability to bring valuable contributions to NMDP. I am excited about the prospect of discussing how my skills align with your team's needs in more detail. Thank you for considering my application.

Sincerely yours,

Denis Ostroushko