Denis Ostroushko

I am writing to express my interest in the Sr. Statistician role with Children's Minnesota. 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.

I believe my track record of projects is well supported by my approach to analysis and ability to produce computer code. I believe reproducibility and documentation of analysis through well written code is essential in modern analysis eras. I have a diverse GitHub portfolio with person and academic projects. You will find that my passion project to collect soccer data, organize storage in AWS S3 database, automate data collection using GitHub tools, and deploy an interactive dashboard is an excellent summary of my vast experience and dedication to data science.

Moreover, I am deeply committed to leveraging data-driven approaches to advance children's health through both observational and confirmatory studies at Children's Minnesota. I believe in the critical importance of super accuracy and a steadfast commitment to fairness in statistical analyses. By harnessing rigorous statistical methodologies and employing robust validation techniques, I aim to ensure that our findings are not only scientifically sound but also ethically informed. I am driven by the opportunity to contribute my expertise to initiatives that directly impact pediatric care and outcomes, ultimately striving to enhance the quality of life for children in our communities. My dedication to meticulous analysis and ethical data practices aligns