

National Institute on Aging
Bethesda, MD, United States

June 25, 2024

To whom it may concern,

I am writing to express my interest in the Senior Data Scientist Strategist position within the Division of Geriatrics and Clinical Gerontology. With a robust background in data science and a passion for advancing geriatric research, I am excited about the opportunity to contribute to NIA's mission to improve the health and well-being of older adults through innovative scientific research. As a PhD in Statistics, I have a long-standing research background that has served as the foundation for my professional practice. With a decade of experience, I have honed my skills in data analytics, machine learning, and statistical modeling while performing in a variety of leadership roles ranging from senior technical lead to my current role as Director of Data Science and Analytics at OCLC.

My experience in administrative leadership includes overseeing project lifecycles, from conceptualization to execution, ensuring alignment with organizational goals, and fostering a collaborative environment that promotes innovation and continuous improvement. At OCLC, I oversee three cross-functional teams including the Data Science team and the Analytics Platform team. In collaboration with a diverse group of stakeholders and subject matter experts, we spearhead data-driven initiatives to support decision-making across the entire company, from sales forecasting to AB testing for software products to complex record linkage problems to improve the quality of our bibliographic data, one of the company's most valuable assets. Prior to OCLC, my career experience includes a number of senior technical leadership roles including most recently at Ketch, an early stage software startup. I joined Ketch as a founding Data Scientist and lead research in security and statistical disclosure control to drive development for our privacy-as-a-service product. Prior to Ketch, I held a similar role as a Senior Research Engineer at Immuta, another venture-backed company in a similar product space. In addition to previous conference presentations, I presented this [research](#) at the 2022 IMS International Conference on Statistics and Data Science (manuscript in progress). You can find a list of my publications and presentations on my webpage listed above. You can find detailed descriptions of all my previous professional experience on my attached CV.

I am especially enthusiastic about the Senior Data Scientist Strategist position at NIA because of my deep-seated commitment to making a positive impact on humankind through science. The aging population presents unique challenges and opportunities, and I am eager to apply my expertise to help address these through cutting-edge research and data-driven strategies. I am inspired by NIA's dedication to advancing our understanding of aging and improving the lives of older adults, and I am confident that my skills and experience align with the goals of your division in a way that will permit me to quickly make a positive impact.

Thank you for considering my application. I look forward to the possibility of discussing how my background, skills, and enthusiasm can contribute to the innovative research and strategic initiatives at the National Institute on Aging.

Sincerely,

Tayler Blake

Attached: curriculum vitae