

**Mary Nansikombi**

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9/6/2025

Sport and Play Reseach Lab,

Oregon State University,

Corvallis, OR

Dear William Massey,

I am writing to express my interest in the 2Play Assistant for the sports and play research lab. I am currently pursuing a Bachelor of Science in Computer Science with a Minor in Innovation and Entrepreneurship at OSU, and I expect to graduate in December 2025. I am enthusiastic about the opportunity to contribute to your team, and I am available to work 5-10 hours per week on campus.

My academic and project experience has provided me with a solid foundation in coding, data management, and data visualization, aligning well with the preferred qualifications for this role. For instance, I have gained extensive experience with various programming languages including Python, JavaScript, and C++, and have utilized data management and visualization tools such as Pandas, NumPy, and Matplotlib. Additionally, I have worked on several projects involving data structuring and analysis, which have honed my skills in managing and interpreting complex datasets.

During my time as a Machine Learning Intern, I was responsible for annotating data, training models, and validating datasets, which resulted in a 86% accuracy rate for wheat yield predictions. This role required a rigorous approach to data analysis and visualization, and I presented my findings at the AGAID institute symposium, further enhancing my research and presentation skills.

My interest in social science research was particularly sparked by a psychology course I completed, where I explored human behavior, cognitive thinking and the structure of the brain. This course not only deepened my understanding of these areas but also fueled my desire to pursue a graduate program in a social science research field. I am excited about the prospect of applying my technical skills to research that explores human factors and contributes to meaningful societal impact.

In addition to my technical skills, my role as a Community Assistant has provided me with valuable experience in problem-solving, conflict resolution, and administrative tasks. I have effectively communicated with both technical and non-technical teams, managed maintenance and emergency issues, and performed data entry tasks, all of which have enhanced my organizational and interpersonal skills.

I am eager to bring my coding expertise, data management experience, and passion for social science research to your team. Thank you for considering my application. I look forward to the opportunity to discuss how my background and skills align with the needs of your project.

Sincerely,

Mary Nansikombi