LETTER OF MOTIVATION

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| Wille Brink  Stellenbosch University | 30 July, 2025 |

Dear Admissions,

This letter is to express my strong interest in the MSc in Machine Learning and Artificial Intelligence. This program aligns perfectly with my academic background and personal ambitions, and I am excited by the opportunity to deepen my expertise in a field that continues to challenge and inspire me.

I am writing to you during my 4th year of my undergraduate degree in BDatSci Data Science focal area Computer Science and am already excited by the thought of doing this program. I can confidently say the journey was as rigorous as it has been rewarding. The degree has given me difficult challenges to solve, lines of code worth debugging and a great sense of achievement in the completion of my modules.

My particular interest in this course is in the reinforcement learning module, which was sparked at an Amazon DeepRacer event in 2021, and has since grown into a focused academic pursuit. It has fueled my passion to learn more, and it even extended into my elective modules where I chose Cognitive Robotics to further dive into the material. I believe reinforcement learning represents a frontier in AI with incredible potential — not just theoretically, but in real-world applications that matter. It is my hope to further study the intricacies of this topic under the supervision of Stellenbosch’s experienced lecturers.

Beyond academics, I’ve consistently ranked among the top students in my class, as reflected in my CV. More importantly, I am especially excited about the opportunity to contribute meaningfully through an applied research project.

Thank you for considering my application. I look forward to the opportunity to grow within your program and to contribute actively to its academic community.

Sincerely,

Grant Booysen