

# Alejandro Santorum Varela

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**Imperial College of London**  
Department of Computing  
South Kensington

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It is a pleasure to submit my application for the MSc in Artificial Intelligence at Department of Computing at Imperial College of London. As a recent graduate of Autonomous University of Madrid with a joint Bachelor of Science in Computer Science and Mathematics, this graduate program is magnificent toward achieving my goal of becoming an Artificial Intelligence expert.

Since I started studying mathematics and computer science, I was determined to use the earned expertise from both fields to tackle real-world problems, which is why I love Artificial Intelligence. Studying at Imperial would surely boost both my technical and communication skills. In addition, once I finish my Master's studies, I intend to get a job at a reputable company in the biomedical sector because I am willing to apply my machine learning knowledge to improve the quality of life of other people through biotechnology and, at the same time, learn from my own teammates and work. Finally, I am looking forward to starting my own business in the field of biomedicine with all the experience gained throughout all this time, with the aim of building modern prosthesis powered by AI and nerve signals, uniting technological advances and contemporary medicine

Taking into account my career goals, I have mainly chosen the MSc in Artificial Intelligence at Imperial College of London because of its worldwide recognition and its leading-edge robotics modules. This advanced modules will enhance my knowledge in biotechnology while carrying out my individual project.

In the undergraduate program at Autonomous University of Madrid, I was able to develop several skills that make me a strong candidate for your program such as advanced knowledge in calculus, linear algebra and statistics, as well as in probability, algorithm analysis and artificial intelligence. Moreover, it has also allowed me to instruct myself in the fundamentals of machine learning, neurocomputation and organizing a research project due to my two final degree dissertations in random matrix theory and machine learning. Finally, I have participated in various machine learning international hackathons, working together with a heterogeneous group of professionals.

Some of my greatest accomplishments achieved include being awarded three times with Excellence Scholarship owing to outstanding academic performance, winning an artificial intelligence hackathon, and earning several college honors including Artificial Intelligence, Probability, Computer Systems and Algorithm Analysis among others.

Thank you for your time and consideration.