

SOP SAMPLE - MS in Computer Science

Sample Statement of Purpose for a Master's applicant

The first time I automated a manual data-entry task at my college office, cutting a two-hour job to ten minutes, I understood the power of software to remove friction from everyday work. That moment set my direction. I am applying to the [MS in Computer Science] program at [University Name] to deepen my expertise in machine learning and build systems that scale.

I completed my Bachelor's in Computer Science from [University], graduating in the top [X%] with a GPA of [X.X]. Courses in data structures, algorithms and databases gave me a strong foundation, while my final-year project, a route-optimisation model, improved delivery efficiency by [X%] over the classroom benchmark.

During my [X]-month internship at [Company], I worked on a recommendation engine used by [X] users, where I improved model accuracy by [X%]. This experience showed me both the potential and the gaps in my knowledge, particularly in advanced machine learning, which I now want to master formally.

The [MS in Computer Science] at [University Name] is my clear choice because of its [specific lab/course], and the work of [Professor Name] in [research area] aligns closely with my interests. The program's focus on applied research and its strong industry links make it the right environment for my goals.

In the short term, I aim to work as a machine learning engineer at a product company. In the long term, I want to lead a team building AI systems that solve real problems in [industry]. This degree is the bridge between my current skills and that goal.

I chose [Country] for its research culture and its openness to international talent. I am confident that my background, focus and drive make me a strong fit for your program, and I look forward to contributing to your academic community.

Sample SOP for study abroad. Replace all bracketed fields with your own details and tailor to your program.