



MASTER OF SCIENCE in ARTIFICIAL INTELLIGENCE

Partner Program

How Companies Benefit from
Partnering with the Master of Science
in Artificial Intelligence Program

Northwestern | McCORMICK SCHOOL OF
ENGINEERING

PARTNER PROGRAM

Advance Your AI Presence

The explosion of artificial intelligence (AI) and machine learning technologies has created an increased demand for computer scientists who can develop complex AI systems that function alongside and in conjunction with human beings. Companies, both large and small, and from all industries, are starting to realize the benefit that this emerging science can bring to their processes and products and see AI as part of their future, but range from early-stage thinking to fully implementing new technology.

Partnering with Northwestern University's **Master of Science in Artificial Intelligence (MSAI) program** is a way for companies to work with up-and-coming leaders who understand AI technology and business, while creating a platform for MSAI students to hone their skills on modern-day opportunities and challenges under the direction of leading faculty and practicing AI professionals. Partners gain fresh thinking, directional support, technological implementation, and have exposure to talent ready for employment upon graduation.

The MSAI Student

Students of the 15-month (or five-quarter) MSAI program are experienced computer scientists or STEM professionals, who, through coursework, internships, and advanced project work, become architects of intelligent systems. They learn how to look past the immediate perceived problem to identify ways that business needs and workflow affect how intelligent systems are deployed into larger strategies of transformation. Students come to understand the breadth and depth of AI technologies and how psychology and design affect human interaction with intelligent systems. Students learn how to uncover hidden opportunities and identify the right problem to solve.



Let's Build a Relationship

FIRST FALL QUARTER

Company Introductions

- Come to our industry night. Immerse us with all the knowledge you have about your business. What are your products, services, clients, goals, values? What do you see as an opportunity for AI? What are your challenges?
- You don't need to define a project. We'll develop a fresh perspective for you based on our knowledge of business, AI, and machine learning as applied to your needs.

WINTER AND SPRING QUARTERS

Project Explorations

- Let us impress you with our understanding of your company. Allow us to showcase how new technologies can guide your future strategy. Be surprised by undiscovered insights and new ways of thinking.
- Then let's sit down together and fully scope out the project—precisely define the goals and deliverables—and get to work.

SUMMER QUARTER

Internships

- Hire our students to work full-time for you on AI-related projects that reflect their skills and training from the first three quarters of the program.
- Expose them to your larger platforms and workflows so they can suggest the tools and techniques that best fit your environment. Let their knowledge help you complete open projects and define your future.

FINAL FALL QUARTER

Capstone Projects

- Partner with our students on an even bigger project during this final 10-week quarter.
- Benefit from in-depth collaboration from AI students working on interdisciplinary teams, including with students from the Kellogg School of Management.
- See how the continued guidance from our elite faculty and industry professionals make an impact on your business.

Partner With Us

Master of Science in Artificial Intelligence graduates will be armed with the technical, design, and business skills needed to design and develop the AI products of the future.

Graduates will have technical expertise in the emerging techniques of machine learning, data analytics, and natural language processing, as well as in developing problem-solving and decision-making systems based on statistical, logical, and evidence-based reasoning.

Through classes in human computer interaction (HCI), human cognitive behavior, and computational social science, graduates will understand how AI technologies fit into workflows in the context of ethical, regulatory, and social impact.

Connect with us to see how these future AI leaders can help your business.

Connect With Us

 msai@northwestern.edu

Master of Science in Artificial Intelligence
McCormick School of Engineering and Applied Science
Northwestern University

msai.northwestern.edu