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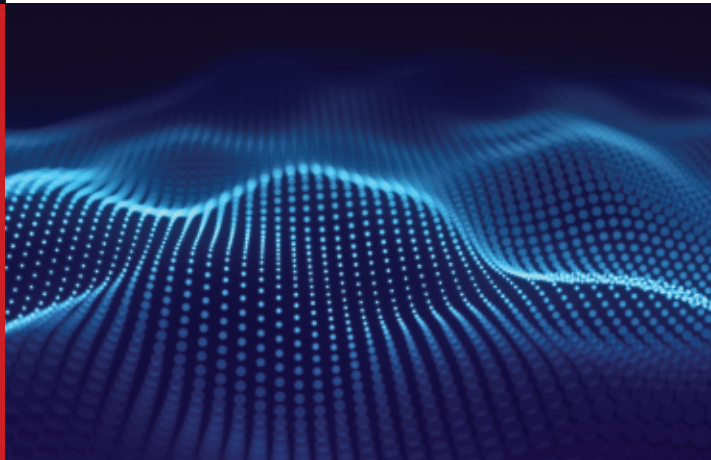
**M.S. and Graduate
Certificate in
Artificial
Intelligence**

**Ying Wu College
of Computing**



Artificial Intelligence (AI)

AI drives almost every business today, from faster medical diagnosis to self-driven automobiles. The need for qualified AI engineers and analysts to meet the increasing demands of a global ecosystem has steadily increased by 32% since 2019. AI empowers you to impact the present and future of technology.



Programs

The Master of Science (M.S.) in Artificial Intelligence acclimates students to the ongoing AI revolution that has already produced computer programs with problem-solving and content-generating abilities that complement and enhance human abilities.

The program offers theoretical and practical knowledge that enables students to apply AI techniques in various application domains. It comprises methods to solve problems that are easy for humans but hard for digital computers, such as Natural Language Understanding, Natural Language Generation and Image Understanding. Machine Learning, Deep Learning and Large Language Models are important topics of study for the M.S. in Artificial Intelligence.

Students will have the opportunity to collaborate with faculty on projects involving applications in bioengineering, healthcare, cybersecurity, data analytics, finance, and many other fields.

The Graduate Certificate in Artificial Intelligence is suitable for many people with a quantitative background or experience dealing with data who would like to obtain some grounding in artificial intelligence. Examples include software engineers who want to complement their programming skills with Machine Learning and Deep Learning modeling skills, pharmaceutical data analysts who explore the transition from traditional statistical analytics to contemporary deep learning models, and many more.



Programs are offered at our Jersey City and Newark campuses and Online

M.S. and Graduate Certificate in Artificial Intelligence

Sample Courses:

DS 634 Data Mining
DS 669 Reinforcement Learning
CS 670 Artificial Intelligence
DS 675 Machine Learning
DS 677 Deep Learning
DS 680 Natural Language Processing
CS 681 Computer Vision
DS 789 Trustworthy AI



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