CIT, ARTIFICIAL INTELLIGENCE PROFESSIONAL, ICLC

Put Artificial Intelligence to Work

The Artificial Intelligence learning pathway provides practical instruction in artificial intelligence concepts, tools, and applications used across a variety of industries. Students develop skills for applying AI in professional environments while exploring topics such as responsible AI use, data governance, privacy, and effective interaction with AI systems. The CIT, Artificial Intelligence Professional, ICLC provides an entry point for developing practical AI skills that can be applied in the workplace and supports continued learning in artificial intelligence.

Career Opportunities and Income

Visit the Department Website (https://www.sanjac.edu/programs/areas-of-study/stem/ai/) for information regarding career opportunities and potential earnings in the Greater Houston region.

Learning & Career Pathway

The Artificial Intelligence pathway includes credentials designed to develop practical, industry-relevant artificial intelligence skills and support continued professional development.

- CIT, Artificial Intelligence Professional, ICLC (p. 1) (4 months)
- CIT, Artificial Intelligence Foundations, Advanced Technical Certificate (https://publications.sanjac.edu/areas-study/science-technology-engineering-math/cit-artificial-intelligence-foundations-atc/) (1.5 years)

Learning Outcomes and Career Skills

The established Artificial Intelligence pathway outcomes include the ability to:

- Analyze foundational concepts of artificial intelligence, including machine learning, neural networks, and data-driven algorithms, and apply them in industry contexts.
- Analyze historical developments and theoretical frameworks that have shaped artificial intelligence.
- Apply AI tools and techniques to real-world situations in industries such as cybersecurity, finance, and business operations.
- Evaluate ethical, legal, and societal implications of artificial intelligence, including privacy, bias, and governance.
- Design effective prompts to improve the accuracy and relevance of AI-generated outputs.
- Develop AI-driven solutions for business or organizational challenges.
- Communicate AI concepts and findings effectively to technical and non-technical audiences.

Locations

- South (https://www.sanjac.edu/about/locations/south/)
- Online (https://www.sanjac.edu/programs/online/)