Post Baccalaureate Certificate in Applied Artificial Intelligence and Machine Learning

Program Description

The Post Baccalaureate Certificate in Applied Artificial Intelligence and Machine Learning applies AI and ML principles to problems in various application domains. Students will gain practical skills and experience in building end-to-end machine learning pipelines in course projects.

Post Baccalaureate Certificate in Applied Artificial Intelligence and Machine Learning Requirements

15 Credits

Code	Title	Hours
Choose 15 credits from the following:		
CS 6300	Principles of Artificial Intelligence	3
CS 6310	Foundations of Machine Learning	3
CS 6320	Foundations of Deep Learning	3
CS 6350	Artificial Intelligence and Machine Learning Project 1	3
CS 6351	Artificial Intelligence and Machine Learning Project 2	3
CS 6359R	Artificial Intelligence and Machine Learning Independent Project	1-3

Admission Requirements

1. Complete the online application.
2. Bachelor's in Computer Science or related field, OR bachelor's degree with 2 or more years of software development experience.

Completion Requirements

1. Complete all coursework with a B- or higher.
2. At least 12 credits at Utah Tech University for residency.
3. Receive at least a 3.0 GPA for the program.

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At the successful conclusion of this program, students will be able to:

1. Demonstrate competency in primary artificial intelligence and machine learning domains including computer vision, natural language processing, and reinforcement learning.
2. Construct an end-to-end machine learning pipeline, including data collection, processing, modeling, validation and deployment.
3. Apply artificial intelligence and machine learning techniques to problems in many application domains.