



PROGRAM TRANSCRIPT

Student Name: Hongxu Ji

Gender: Male

Program Name: Artificial Intelligence and Robotics Online

Project-based Learning Program

Time Period: 2022/07/06 - 2022/07/30

Comprehensive Evaluation:

Paritipation	Homework	Final Project	Bonus	Total Grade
10/10	36/40	46/50	5/5	97/100

Program description:

This short-term program provided an overview of key topics in artificial intelligence (AI) and robotics, with 6 lectures and 6 recitations. Topics include fundamentals of robot design, an overview of cutting-edge robots, AI for robotics control. Advanced machine learning models are taught, including the Markov decision process, deep reinforcement learning, computer vision, and image analysis, text mining, and smart cities. During the program, students were asked to create high-level designs of robot systems and write codes for reinforcement learning and computer vision models. Students did group projects in reviewing AI and robotics-related studies and gave presentations to the class.