COURSE DETAIL

REINFORCEMENT LEARNING
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 166
UCEAP Course Suffix
UCEAP Official Title REINFORCEMENT LEARNING
UCEAP Transcript Title REINFORCEMENT LEARN
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

Reinforcement learning (RL) refers to a collection of machine learning techniques which solve sequential decision making problems using a process of trial-and-error. It is a core area of research in artificial intelligence and machine learning, and provides one of the most powerful approaches to solving decision problems. This course covers foundational models and algorithms used in RL, as well as advanced topics such as scalable function approximation using neural network representations and concurrent interactive learning of multiple RL agents.

Language(s) of Instruction
English

Host Institution Course Number
INFR11236

Host Institution Course Title
REINFORCEMENT LEARNING

Host Institution Course Details
http://www.drps.ed.ac.uk/23-24/dpt/cxinfr11236.htm?code=INFR11236

Host Institution Campus

Host Institution Faculty
School of Informatics

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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