COURSE DETAIL

APPLIED DEEP LEARNING
Country Hong Kong
Host Institution University of Hong Kong
Program(s) University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 140
UCEAP Course Suffix
UCEAP Official Title APPLIED DEEP LEARNING
UCEAP Transcript Title APPL DEEP LEARNING
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course examines deep learning. It covers the motivations and principles for building deep learning systems; how deep learning relates to the broader field of artificial intelligence; problems associated with domain specific data; recognition; image generation; reinforcement learning; language translation; computer vision; natural language processing; PyTorch; Tensorflow; and numerical optimization algorithms.

Language(s) of Instruction
English

Host Institution Course Number
COMP3340

Host Institution Course Title
APPLIED DEEP LEARNING

Host Institution Course Details
https://www.cs.hku.hk/programmes/beng-compsc/course-descriptions

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2022-2023

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