

COURSE DETAIL

DEMYSTIFYING ARTIFICIAL INTELLIGENCE

Country

Hong Kong

Host Institution

Chinese University of Hong Kong

Program(s)

Hong Kong Summer, CUHK

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

23

UCEAP Course Suffix**UCEAP Official Title**

DEMYSTIFYING ARTIFICIAL INTELLIGENCE

UCEAP Transcript Title

DEMYSTIFY ART INTEL

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course enables students with no technical background to have a general understanding and a taste of hands-on exploration of Artificial Intelligence (AI) and Machine Learning (ML). The course covers the basic concepts, problems, approaches and applications of AI components and systems. It provides an introduction to various topics in AI systems and technologies, e.g., an overview of AI, data representation and visualization, basics of ML, ethical and legal issues with AI, etc. It discusses the applications of engineering principles to selected AI and ML problems, including image classification, machine translation, and voice cloning. It also explores the future possibilities and challenges of AI.

Language(s) of Instruction

English

Host Institution Course Number

ENGG1910

Host Institution Course Title

DEMYSTIFYING ARTIFICIAL INTELLIGENCE

Host Institution Course Details

<https://www.summer.cuhk.edu.hk/2024/01/31/engg1910-demystifying-artificial-inte...>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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