COURSE DETAIL

COMPUTER VISION
Country United Kingdom - England
Host Institution Imperial College London
Program(s) Imperial College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 169
UCEAP Course Suffix
UCEAP Official Title COMPUTER VISION
UCEAP Transcript Title COMPUTER VISION
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

In this course, students learn how images are formed, how they are represented on computers, and how they can be processed by computers to extract semantic information. Students develop algorithms for detecting interesting features in images, design neural networks to perform natural image classification, and explore algorithms for solving real-world problems such as hand-written digit recognition and object detection.

Language(s) of Instruction
English

Host Institution Course Number
COMP60006

Host Institution Course Title
COMPUTER VISION

Host Institution Campus

Host Institution Faculty
Engineering

Host Institution Degree

Host Institution Department
Computing

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