COURSE DETAIL

COMPUTER VISION
Country Korea, South
Host Institution Yonsei University
Program(s) Yonsei University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 117
UCEAP Course Suffix
UCEAP Official Title COMPUTER VISION
UCEAP Transcript Title COMPUTER VISION
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course provides a general introduction to computer vision. Major topics include image processing, detection and recognition, geometry, video analysis, and deep learning. Students learn basic concepts of computer vision as well as hands on experience to solve real-life vision problems. Students learn basic algorithms of computer vision, learn deep learning based computer vision algorithms, and apply learned methods for practical applications.

Prerequisites: Calculus, Linear algebra, Probability

Language(s) of Instruction
English

Host Institution Course Number
CSI4116

Host Institution Course Title
COMPUTER VISION

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2023-2024

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