COURSE DETAIL

COMPUTER VISION FOR DATA SCIENCE
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 124
UCEAP Course Suffix
UCEAP Official Title COMPUTER VISION FOR DATA SCIENCE
UCEAP Transcript Title COMPUTER VISION
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course is a broad introduction to computer vision for data science. Topics include various low-level image processing methods and high-level vision tasks like image classification and object detection, with modern approaches based on deep learning. Student learn computer vision algorithms and implement them in python. Students should be proficient in python programming with numpy for assignments. Other python libraries, such as opencv (cv2), scipy, and matplotlib will be used, but students do not have to be proficient with them.

Language(s) of Instruction
English

Host Institution Course Number
STA3143

Host Institution Course Title
COMPUTER VISION FOR DATA SCIENCE

Host Institution Course Details
http://ysweb.yonsei.ac.kr:8888/curri120601/curri_pop2.jsp?&hakno=STA3143&bb=01&...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Statistics

Course Last Reviewed
2022-2023

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