COURSE DETAIL

COMPUTER CONVERGENCE APPLICATION
Country Korea, South
Host Institution Seoul National University
Program(s) Seoul National University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 114
UCEAP Course Suffix
UCEAP Official Title COMPUTER CONVERGENCE APPLICATION
UCEAP Transcript Title COMP CONVRGNCE APPL
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course reviews algorithms and machine learning techniques such string pattern matching algorithms, PCA, decision tree, artificial neural networks, support vector machines, and frequent pattern mining techniques. It also reviews computational tools for algorithms and machine learning (mostly with Tensorflow, PyTorch), and surveys how these techniques are used for practical applications.

Language(s) of Instruction
English

Host Institution Course Number
4190.423

Host Institution Course Title
COMPUTER CONVERGENCE APPLICATION

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science and Engineering

Course Last Reviewed
2023-2024

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