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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science and Engineering

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