COURSE DETAIL

EMPIRICAL METHODS IN NATURAL LANGUAGE
Country China
Host Institution Peking University, Beijing
Program(s) Peking University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title EMPIRICAL METHODS IN NATURAL LANGUAGE
UCEAP Transcript Title EMP METH NATL LANG
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course is an introduction for undergraduate students who are interested in empirical methods applied to natural language processing. We will emphasize on empirical methods, which mainly refers to data-driven models with ingredient from pattern recognition and machine learning. We will also survey interesting NLP applications, e.g., word segmentation, tagging, parsing, etc., and introduce recent advances in statistical machine translation and information extraction. In this course, students will learn what data-driven methods are, how to utilize those models to build their own systems to analyze massive text data and actually solve a real NLP problem in practice. T

Language(s) of Instruction
English

Host Institution Course Number
04832710

Host Institution Course Title
EMPIRICAL METHODS IN NATURAL LANGUAGE

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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