COURSE DETAIL

FUNDAMENTALS OF SEARCH ENGINE TECHNOLOGY
Country China
Host Institution Tsinghua University
Program(s) Tsinghua University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 162
UCEAP Course Suffix
UCEAP Official Title FUNDAMENTALS OF SEARCH ENGINE TECHNOLOGY
UCEAP Transcript Title SEARCH ENGINE TECH
UCEAP Quarter Units 3.00
UCEAP Semester Units 2.00

Course Description

Search engine is one of the most important information access tools for network users, search engine design and implementation process, the integrated use of today's Internet applications in the field of the highest level of research results. Students through the study of this course, not only can master and Internet applications closely related to the network information retrieval, network data mining and other aspects of knowledge, but also help to cultivate its comprehensive use of knowledge to solve problems. The teaching objectives of this course include: to understand the basic principles of search engines, product design ideas and commercial operation mode; to master the characteristics of the Internet data environment and its impact on the design and implementation process of the search engine; to learn and master the system design of large-scale commercial search engines and their core algorithms. The course combines classroom lectures with hands-on practice, so that students have a considerable theoretical foundation of search engine and practical ability. This will enable students to acquire knowledge with both theoretical depth and practical integration with the latest search engine applications.

Language(s) of Instruction
Chinese

Host Institution Course Number
40240762

Host Institution Course Title
FUNDAMENTALS OF SEARCH ENGINE TECHNOLOGY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science and Technology

Course Last Reviewed
2023-2024

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