

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

[Print](#)