CMPT 740 - G100 Database Systems

Instructor(s): Tianzheng Wang

SFU Burnaby

Calendar Objective/Description:
Database Systems

Instructor's Objectives:
This course covers the concepts and current practices concerning the development of data-intensive systems with a focus on relational database systems and related areas. The course begins with a review of basic database systems internals, including storage engine, query execution and optimization, transaction processing. The course then progresses to cover more recent advances in the area of database systems. Basic understanding of database systems is assumed (e.g., obtained through an introductory course on database systems).

Prerequisites:

see go.sfu.ca

Grading:
To be discussed in the first class.

Reference Books:

Principles of Transaction Processing For The Systems Professional, 2nd Edition, Philip A. Bernstein and Eric Newcomer, Morgan Kaufmann, 9781558606234


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