CS 4364 - Topics in Data Science: Data protection

Spring 2020 Course Syllabus

Course Desption:
Introduction to advanced concepts and algorithms in data science and their applications. Topics may include deep learning, speech processing, language processing, data integration, information retrieval, and information visualization. May be repeated for credit when topic varies.

Course Goals:
With the growing availability of large amounts of data, there is a growing importance of protecting data from illegitime use and invasion of privacy. This course will address different approaches to data protection, including access control mechanisms, encryption, data integrity, regulations, ethics, tabular and other statistical data sets.

Textbook:
There is no official textbook for this course. Material will be provided as needed.

Exams and Grades:
The following percentages will be used in formulating the final grade:

- Midterm 25%
- Final 35%
- Quizzes, Assignments 40%

Standards of Conduct:
Students are expected to conduct themselves in a professional and courteous manner, as prescribed by the Standards of Conduct. Students may discuss work assignments and programming exercises in a general way with other students, but the solutions must be done independently. Similarly, groups may discuss group project assignments with other groups, but the solutions must be done by the group itself. Graded work should be unmistakably your own. You may not transcribe or copy a solution taken from another person, book, or other source, e.g., a web page. Professors are required to -- and will -- report academic dishonesty and any other violation of the Standards of Conduct to the Dean of Students.

Disabilities:
If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.

Faculty Information:
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Office Hours: MW 3-4pm.
See https://www.utep.edu/cs/people/longpre.html, select "Student appointments" for instructions on how to make appointments at other times.