Enterprise Data Security

Instructor: Terry Olkin from Workday

Semester: Fall 2016 (27Sep-27Oct)
Course Number/Sec: CSCI 4830 Sec. 801
Class Time: 5-6:15 Tuesdays and Thursdays
Meeting Place: ECCR 118

This is a Tech Intensive course. It will run for 5 weeks and will be worth 1 credit hour.

This course will explore information security within enterprise applications. In this context, security includes: authentication of users, authorization and access control, privacy and integrity protection, and administration and auditing. The course covers enterprise application security architectures as well as the cryptographic algorithms and standards that are used to implement and enforce application security.

Terry Olkin has been a software engineer and computer scientist for almost four decades. After obtaining a degree from MIT (1988), he worked in Oracle’s database and languages group where he was responsible for many of the database’s language interfaces including ANSI SQL and PL/SQL. Terry then went to a startup company where he architected and built secure middleware and where he was awarded the first of his 13 patents in the areas of data and network security. After spending a year at Microsoft, he started a company that specialized in secure collaboration including email and instant messaging. Terry then returned to Oracle for 11 more years as Chief Architect and Senior Vice President where he built Oracle’s Collaboration Products Division. Terry left Oracle as its CTO of Global Business Units to found another company, GridCraft. GridCraft specialized in secure, collaborative, cloud-based analytics based on the spreadsheet interface. GridCraft was acquired by Workday, Inc, in May 2016. Terry is currently a Fellow at Workday investigating data security and next generation database architectures.

To indicate your interest in this course complete the form at http://goo.gl/forms/O8aTxvQ7fp

What is a Tech Intensive? These are for credit short courses on hot topics in computer science taught by volunteers from local industry.