CS449 Professional Issues in IT, Spring 2018

Instructor Information
Name: Dr Usman Sadiq
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Class Information

Class Venue: CS-8
Class Hours: Tue, Thr
                    CS-A (2:00-3:30)

Course Objectives
We will be focusing on preparing students for facing ethical issues in professional lives:

- Develop understanding of professional ecosystem of IT and learn basic business tools
- Develop sound understanding of commonly faced ethical issues in IT
- Apply this knowledge to make informed decisions when faced with a dilemma in real life

Course Texts
1. Professional Issues in Information Technology, Frank Bott, The British Computer Society, 2005.
2. Ethical in Information Technology, George W. Reynolds, Springer, 3rd edition.

Course Grading (Tentative)
- Quizzes: 10%
- Presentations/Case studies   20%
- Midterm Exams: 30%
- Final Exam: 40%

5% of the course grade may be adjusted on the basis of a student's adherence to ethical conduct as discussed during the course.

Course Outline

- Law and government

- Profession and professional bodies

- Professional bodies in IT

- Organization

- Business finance and funding a start-up

- Structure and management of organizations

- Overview of accounting and HR issues

- Professional software development, versioning, sharing and publishing

- Ethics and overview of ethics for IT

- Computer and internet crime

- Privacy, freedom of expression

- Intellectual property, piracy, peer-to-peer torrents

- Social networking and gender issues

- Common logical fallacies in speech and reasoning, online information and fact-finding, spotting fake news

- Resume writing/how to improve your webpage, blog or LinkedIn bio by SEO

- Mock interviews/Guest lecture

  A recommended reading list

Important Information

Unfair Means

This in an ethical issues class, please beware that any kind of cheating, copying and use of unfair means will be punished with the highest penalty possible (in addition to F grade)

Students are strongly advised to not use pirated presentation or document editing software for making slides or documents during this course. Course texts are available with the university library.