CMPT 320 - E100 Social Implications - Computerized Society

Instructor(s): Herbert Tsang

SFU Vancouver

Calendar Objective/Description:
An examination of social processes that are being automated and implications for good and evil, that may be entailed in the automation of procedures by which goods and services are allocated. Examination of what are dehumanizing and humanizing parts of systems and how systems can be designed to have a humanizing effect.

Instructor’s Objectives:
This course introduces students of computing sciences to their roles as “moral philosophers”. This is not an ethics course, but rather a course in the theoretical and practical aspects of the moral ramifications of computing science.

Be warned that this course is taught from the scientific perspective rather than from a liberal-arts/humanities point-of-view.

Prerequisites:
A CMPT course and 45 units. Breadth-Science.

Topics:
- Introduction to Social Science and Technological Theory
- Privacy
- Information Warfare
- Modeling and Social Policy
- Reliability
- AI

Grading:
To be discussed the first week of classes

Required Books:
Ethics for the Information Age, Michael J. Quinn, Pearson, 2016, 9780134296548

Reference Books:
A Gift of Fire, Sara Baase, Pearson, 9780134615271, 5th Edition

Academic Honesty Statement::
Academic honesty plays a key role in our efforts to maintain a high standard of academic excellence and integrity. Students are advised that ALL acts of intellectual dishonesty will be handled in accordance with the SFU Academic Honesty and Student Conduct Policies (http://www.sfu.ca/policies/gazette/student.html).