COSC 440 – Assignment #1
Fall 2018

Choose one of the following topics and write a 5-page (double spaced, 12 pt, Times New Roman font with 1" margins) paper on said topic:

Cryptography
Randomness
Machine Learning
Graph Theory
Quantum Computation
Game Theory

The content of your paper should include a broad summary of the field and must address why these would be considered in the realm of theoretical computer science. Provide specific examples of projects being undertaken in the topic of your choice that are theoretical in nature (rather than applicative). You must include at least 5 sources and wiki based references are disallowed as a source (though you may reference it to provide guidance). No more than 2 web-based sources are allowed.

Due: September 21st, 11:59pm, via Blackboard. Only docx and pdf formats accepted.