COSC 440 – Assignment #1
Fall 08

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

Cryptography
Randomness
Machine Learning
Artificial Intelligence
Quantum Computation
Distributed Computation

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).

Due: October 2nd, 2008 at the start of class.