UH Spring 06: COSC 7397 Topics for Term Papers

1. Survey on different data mining techniques for intrusion detection.

2. Survey on important developments in theorem proving based on rewriting since J. Hsiang's paper till date.

3. Survey on symbolic model checking with and without BDDs.

4. Survey on rewrite methods for cryptographic protocol verification.

5. Survey on model checking for security of cryptographic protocols.

6. Survey on important techniques for satisfiability.

7. Survey on important advances in resolution based theorem proving since Robinson's paper till date.

8. Survey on state of the art systems for security.