CSE 7/5337: Information Retrieval and Web Search
Spring 2012

Homework 2

Due: 3/5 at noon per email to mhahsler@lyle.smu.edu

1. Solve exercise 20.1 and 20.2 in IIR (page 453) [5 points each, 10 points]

2. Explain 3 methods used by search engine optimizers [5 points each, 15 points]

3. Research the topic of "Adversarial information retrieval" and discuss it in 1 page (12pt font, single spaced) [30 points]

4. Solve exercises 3.2, 3.3 and 3.5 in IIR (page 56)[5 points each, 15 points]

5. Solve execise 3.7 and 3.11 in IIR (page 62) [5 points each, 10 points]

6. Compare advantages and disadvanteages of block sort-based indexing, single-pass in-memory indexing and distributed indexing [20 points]