

Problem Set 6

CSC 658 Randomized Algorithms

Due dates: Electronic submission of the .pdf file of this homework is due on **4/2/2019 before 2:00pm** on e-campus (as a turnitin assignment), a signed paper copy of the pdf file is due on **4/2/2019** at the beginning of class.

Name: (put your name here)

Resources. (All people, books, articles, web pages, etc. that have been consulted when producing your answers to this homework)

On my honor, as an Aggie, I have neither given nor received any unauthorized aid on any portion of the academic work included in this assignment. Furthermore, I have disclosed all resources (people, books, web sites, etc.) that have been used to prepare this homework.

Signature: _____

Problem 1. Find a second paper on randomized algorithms, randomized protocols, or randomized data structures in one of the RANDOM/APPROX, STOC, FOCS, SODA or similar conferences and write a 1-2 page review that highlights the main idea of the paper and one of the main techniques that is used in the paper.

Solution.

Problem 2. Suggest the topic of your term project. It should be related to one of the two papers that you have reviewed (either to the paper that you have reviewed in the previous problem or to the one you have reviewed in the previous homework). Give a brief description of the problem and outline your goals.

Solution.

Checklist:

- Did you add your name?
- Did you disclose all resources that you have used?
(This includes all people, books, websites, etc. that you have consulted)
- Did you sign that you followed the Aggie honor code?
- Did you solve all problems?
- Did you submit the pdf file (resulting from your latex file) of your homework?
- Did you submit a hardcopy of the pdf file in class?