

Problem Set 7

CSCE 658 Randomized Algorithms

Due dates: Electronic submission of the .pdf file of this homework is due on **3/27/2018 before 11:00am** on e-campus (as a turnitin assignment), a signed paper copy of the pdf file is due on **3/27/2018** 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: _____

For the term paper, you need to select a paper on a randomized algorithm, probabilistic technique, or some complexity theoretic question related to randomization. Choose a paper from RANDOM, STOC, FOCS, APPROX, or SODA from the past 4 years. In preparation for this major assignment, write a summary of the main results of two papers that interest you, and rank them in order of preference (Summary 1 for the paper that you would prefer the most, and Summary 2 for your second choice). Each summary must contain complete bibliographic information and an active link to the paper.

Summary 1.

Summary 2.

Homeworks must be typeset in L^AT_EX.

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?