DM551/MM851 – Algorithms and Probability – 2020 Lecture 4

Announcement

Jacopo Mauro asked us to announce the following: "as part of my DevOps and Microservice course, I am organizing a 2-day workshop here at SDU on 26/09 and 03/10 (two Saturdays corona allowing). We have about 10 more spots available for interested students. The workshop will be given by the Technical Agile Coach at Eficode, Christian Clausen, so the students can see first-hand how things are done in a company." The workshop website is https://event.sdu.dk/microservices/conference, and you can sign up there.

Lecture, September 14

We finished section 6.5 and covered sections 6.6, and 7.1.

Lecture, September 17

We will cover sections 7.2 and 7.3.

Lecture, September 23

We will cover section 7.4 (Example 9 will be done using the InsertionSort algorithm on the next lecture note, along with the analysis there. This is the preferred InsertionSort.)

Problems to be discussed on September 25

1. Section 7.2: 7, 12, 15, 23, 38, 40 (prepare 40 at home and bring to class)

2. Read the part of Rosen Section 7.3 on Bayesian spam filters and discuss this in the class (consider problem 15).

3. Section 7.3: 3, 7, 13, 16