

08 October 2018

Application

for the Seminar

Algorithms for Compressed Graphs

Matthias Dürksen

(Matriculation number 7005591)

Dear Stefan,

I would like to participate in the seminar Algorithms for Compressed Graphs, because I have already gained some knowledge in this area and would like to deepen my knowledge in this area. I find this particularly exciting to observe the development of a topic across individual works.

My previous knowledge (as probably already known) are the courses “Grundlagen von Datenbanken” (grade: 1.0), Databases and information systems (grade: 2.3) and the Bachelor “Grammatik-basierte Graphkompression” (grade: 1.0).

I am willing and able to meet all the deadlines and attend all seminar meetings!

My favorite topics are:

1. Distance Preserving Graph Compression (Topic No. 2)
2. Topic 9: Query Preserving Graph Compression (Topic No. 9)
3. Succinct Representation of Labeled Graphs (Topic No. 3)

The topics are especially appealing for me as they can give me further impulses for my master thesis, but I am also open to other topics.

I would be pleased about a participation.

Best Regards

Matthias Dürksen