

Algorithms & Data Structures

Workshop - Week 19

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Dansk.ai



@AKofodPetersen

AI & ML IN THE WILD

1. Maj 2019

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ALEXANDRA
INSTITUTTET

VI KNÆKKER KODEN TIL <FREMtiden>

- Vi omsætter it-forskning til anvendelse
- Vi kobler it, kommerciel relevans og brugerinddragelse
- Vi hjælper offentlige og private virksomheder med at udvikle innovative it-produkter og services og giver dem flere års forspring i forhold til konkurrenterne



Program, Week 19

1. Overview of last few weeks.
2. Final choice of Project 5 topic, formulating the tasks/questions.
3. Work in groups on Project 5.
4. Choice of theory to review (if any? - your choice! :-)).

Overview: the last weeks of the course

– ‘Looking for the summer..’ [Chris Rea]

Date	Week	Teacher	Study Points	Reading, NB: due date!	Main subject	Subject and Goal
16-4-2019	16	-	-	-	-	EASTER HOLIDAY
23-4-2019	17	JTF	-	-	Mid term. + Exam.	Midterm: Course Evaluation and Examination.
30-4-2019	18	AKA/JTF	20	5.2	Con Amore	Tries / KD-Trees, Project 5 selection and definition.
7-5-2019	19	JTF/AKA		5.5	Con Amore	Work on Project 5, and student selected topics / or we choose.
14-5-2019	20	JTF (AKA)			Con Amore, written exam.	Work on Project 5, and student selected topics / or we choose.
21-5-2019	21	JTF	10		Group presentations on a given topic.	Topic within entire syllabus, training presentation skills
03/06/2019		Final exam				

Project 5 – reaching a level of independence...

You get to choose your topic (from a list of four):

1. **Out-of-core Sorting** of 'Big Data'
2. **Text Mining**, using Tries for sorting 'Big Data'
3. **Error detection/correction** in sorting of 'Big Data'
4. **kD-Tree acceleration**, searching kD spaces w/applications