

Undervisningsportfolio

1. Undervisnings-CV: Oversigt over undervisnings- og vejledningsopgaver med angivelse af fagområder, omfang, undervisningsniveau (bachelor, kandidat, efter-/videreuddannelse, ph.d.). Type af undervisningsform angives, f.eks. forelæsning, holdundervisning, øvelse, vejledning, eksamination, censur, fjernundervisning, internetbaseret undervisning og evaluering af undervisning. Undervisningssprog angives.

Courses at Bachelor and Master Degrees at AAU:

Fall 2022:

- Machine Intelligence at DAT5, SW5, CS-IT7 and DV5:

Role: Lecturer

The course consists of lectures and exercises sessions. Evaluation: written exam.

Language: English

- Specialization Course in Machine Intelligence (Track 3) at DAT9, SW9, CS-IT9.

Role: Co-Lecturer with Manfred Jäger and Thomas D. Nielsen.

The course consists of seminar sessions where students present scientific papers.

Evaluation: Oral exam.

Language: English

Spring 2022:

- Algorithms and Computability at SW6:

Role: Co-Lecturer with Bin Yang (50% of the course)

The course consists of lectures and exercises sessions. Evaluation: written/oral exam.

Language: English

- Algorithms and Satisfiability at DAT6:

Role: Co-Lecturer with Bin Yang (50% of the course)

The course consists of lectures and exercises sessions. Evaluation: written/oral exam.

Language: English

- Models and tools for cyber physical systems at SW6:

Role: Internal censor (examiner): written exam

Fall 2021:

- Specialization Course in Machine Intelligence (Track 3) at DAT9, SW9, CS-IT9.

Role: Co-Lecturer with Manfred Jäger and Thomas D. Nielsen.

The course consists of seminar sessions where students present scientific papers.

Evaluation: Oral exam.

Language: English

Spring 2021:

- Algorithms and Computability at SW6:

Role: Co-Lecturer with Bin Yang (50% of the course)

The course consists of lectures and exercises sessions. Evaluation: written/oral exam.

Language: English

- Algorithms and Satisfiability at DAT6:

Role: Co-Lecturer with Bin Yang (50% of the course)

The course consists of lectures and exercises sessions. Evaluation: written/oral exam.

Language: English

*I include here only the teaching at AAU. Teaching activities before 2020 can be found in my CV

(<https://homes.cs.aau.dk/~alto/cv.pdf>)

PBL supervision at AAU:

Role: Supervisor.

Role: Internal Censor (examiner): Not detailed below

Semester projects following PBL system. Evaluation: oral exam.

Following the projects supervised in each semester:

Fall 2022:

- 3 groups at DAT5

- 1 group at DAT7

- 2 groups at DAT9

- 1 group at DAT9 (co-supervised with Kim G. Larsen)

Spring 2022:

- 1 group at DAT6 (BSc Thesis)

- 2 groups at Sw6 (BSc Thesis)

- 1 group at CS-IT8

- 1 group at DAT8

Fall 2021:

- 1 group at DAT5

- 2 groups at DAT7
- 1 group at DAT9
- 3 groups at CS-IT7
- Spring 2021:
 - 1 group at DAT6 (BsC Thesis)
- Fall 2020:
 - 2 groups at DAT5
 - 2 groups at CS-IT7
- Other courses at AAU: (PhD Courses and Courses for CS Staff):
- Fall 2022:
 - Problem-based Learning (PBL) for CS-staff
 - Role: Co-Lecturer with Ivan Aaen
 - The course consists of 4 seminars for new employees
 - Language: English
 - Automated Planning Tools for Intelligence Decision Making. PhD Course
 - Role: Co-Lecturer with Kim G. Larsen, Peter Nielsen, Peter Gjol Jensen and Inkyung Sung (2 out of 6 sessions)
 - The course consists of lectures and exercises sessions.
 - Language: English

2. Administration og ledelse af uddannelse: Erfaring med uddannelsesledelse og –koordinering. Oversigt over studieadministrative opgaver, eksempelvis medlem af studienævn, studieleder, semesterkoordinator, fagkoordinator, akkreditering m.v. Erfaringer med planlægning af uddannelsesafvikling. Erfaring med udvikling af uddannelser. Deltagelse i udvalg, kommissioner m.m. vedr. uddannelse.

- Semester coordinator for DAT5: Fall 2021 and Fall 2022.
- Mentor for Project Supervision (for new PBL supervisors): Spring 2022
- Member of PhD Committee:
 - Sean Bin Yang: Aalborg University. December 2023. Role: Chairman
 - Soeren Enevoldsen: Aalborg University. December 2023. Role: Chairman
 - David Speck: Freiburg University. February 2022. Role: Committee Member
 - Tobias Skovgaard: Aalborg University. November 2021. Role: Chairman
 - Mittul Singh: Saarland University. August 2017. Role: Committee Member
 - Isabel Cenamor: Universidad Carlos III de Madrid. March 2017. Role: Committee Member
 - Stefan Richter: Saarland University. August 2016. Role: Committee Member
 - Stefan Schuh: Saarland University. December 2015. Role: Committee Member
- Oponent for the 11 month Seminar Assessment for PhD students (AAU):
 - Carlos Muñoz Cuza
 - Kai Zhao
 - Kashif Rabbani
 - Xinle wu

3. Formel pædagogisk uddannelse: Oversigt over gennemførte universitetspædagogiske kursusforløb, PBL-kurser, workshops, udviklingsprojekter, kollegial supervision o.l. Udtalelse fra universitetspædagogikum. Deltagelse i konferencer om pædagogik og didaktik. Dokumentation i form af kursusbeviser, udtalelser m.m. vedlægges.

- I took part on the Pedagogical Courses of AAU in 2021.

4. Andre kvalifikationer: Bidrag til konferencer, debatindlæg, videnskabelige artikler om pædagogiske emner m.v. Kollegiasupervision, redaktørarbejde, erfaring som mentor og anden kompetenceudvikling.

Skriv dit svar her...

5. Pædagogisk udvikling og forskning: Udvikling af nye kurser, undervisningsmateriale, undervisnings- og eksamensformer eller andet udviklingsarbejde. Didaktisk og pædagogisk forskning. Samarbejde med eksterne samarbejdspartnere.

- Member of the PBL-UG group: The objective is to develop the PBL culture within the CS department.
- Coordinator of Digital AI-ML Module: A new project for developing online courses to develop specific competences in the CS- Department. (Project cancelled)

**6. Udtalelser om undervisningskompetencer fra foresatte og kolleger.
Undervisningsevalueringer og eventuelle udmærkelser for undervisningsvaretagelse.**

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7. Evt. personlige refleksioner og initiativer: Personlige overvejelser knyttet til undervisning og vejledning, ønsker til og planer for pædagogisk videreudvikling, planer for opfølgning på undervisningsevalueringer m.v. Refleksioner over eget pædagogiske arbejde, dets målsætninger, metoder og gennemførelse. I refleksionen analyseres og motiveres dine pædagogiske aktiviteter i forhold til din pædagogiske forståelse og de studerendes læring. Tanker om undervisningsformen på Aalborg Universitet, der har et stort indhold af gruppeorganiseret projektarbejde og problembaseret læring (PBL).

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8. Andet.

Skriv dit svar her...