

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. Larssen, 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.

Skriv dit svar her...

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).

Skriv dit svar her...

8. Andet.

Skriv dit svar her...