Teaching portfolio

1. Teaching CV: A list of teaching and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD). Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching). Please also indicate the language of instruction.

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 Satisfability 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 Satisfability 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. Larrsen, Peter Nielsen, Peter Gjol Jensen and Inkyung Sung (2 out of 6 sessions)
The course consists of lectures and exercises sessions.
Language: English

2. Study/programme administration and management: Experience in programme management and coordination. A list of study administration tasks, e.g. study board membership, chair of study board, semester or course coordinator, accreditation tasks, etc. Experience in planning teaching activities. Experience in programme development. Participating in committees and commissions etc. on education issues.

- Semester coordinator for DAT5: Fall 2021 and Fall 2022.

- Mentor for Project Supervision (for new PBL supervisors): Spring 2022

- Member of PhD Commitee:
 - Sean Bin Yang: Aalborg University. December 2023. Role: Chairman
 - Soeren Enevoldsen: Aalborg University. December 2023. Role: Chairman
 - David Speck: Freiburg University. February 2022. Role: Commitee Member
 - Tobias Skovgaard: Aalborg University. November 2021. Role: Chairman
 - Mittul Singh: Saarland University. August 2017. Role: Commitee Member
 - Isabel Cenamor: Universidad Carlos III de Madrid. March 2017. Role: Commitee Member
 - Stefan Richter: Saarland University. August 2016. Role: Commitee Member
 - Stefan Schuh: Saarland University. December 2015. Role: Commitee Member

- Oponent for the 11 month Seminar Assessment for PhD students (AAU):
 - Carlos Muñiz Cuza
 - Kai Zhao
 - Kashif Rabbani
 - Xinle wu

3. Formal pedagogical training: A list of completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc. Written assessment from the course in university pedagogy for assistant professors. Participation in conferences on pedagogy and didactics. Please enclose any documentation of the above, such as course certificates, references, etc

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

4. Other qualifications: Conference contributions and attendance, contributions to debates, scientific articles on pedagogical issues etc. Peer supervision, editorials, mentoring experience or other types of competence development activities.

Type your answer here...

5. Pedagogical development and research: Development of new courses, teaching materials, teaching methods, examination types or other types of pedagogical development. Didactic and pedagogical research. Cooperation with external collaboration partners.

- 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. References on your teaching skills from superiors or colleagues. Teaching evaluations and any teaching awards received.

Type your answer here...

7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogical development, plans for following up on student feedback/evaluations, etc. Personal reflections on your own pedagogical practice, including objectives, methods and implementation. This should include an analysis and a reasoned description of your pedagogical activities in relation to your pedagogical understanding and student learning. Thoughts on the teaching method at Aalborg University (which is largely based on group-organised project work and problem-based learning)

Type your answer here...

8. Any other information or comments.

Type your answer here...