

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.

Full courses - responsible for all lectures:

Medialogi, 01 BSc: Basic programming. 14 lectures with group based exercises and two miniprojects. Taught in Danish. 2019-2020.

Medialogi, 03 BSc: Image processing (basic computer vision). 12 lectures with group based exercises and a miniproject. Taught in Danish. 2019-today.

Robotics, 03 BSc: Robot sensing and perception. 12 lectures with group based exercises and a miniproject. Taught in Danish. 2022-today.

Robotics, 04 BSc: Robot perception. 12 lectures with group based exercises and a miniproject. Taught in Danish. 2022.

Vision, Graphics and Interactive Systems, 08 MSc: Image Processing and Computer Vision. 10 lecture with group based exercises and a miniproject. Taught in English. 2019-2021. Taught remotely during Covid.

Partial courses:

Medialogi, 01 BSc: Introduction to Creative Digital Development. Responsible for basic programming parts of the course, 11 of 22 lectures with group based exercises and two miniprojects. Taught in Danish. 2021-today.

AI, Vision and Sound, 01 MSc: Perception and Acquisition of Data. Course coordinator and responsible for 4 of 12 lectures with group based exercises. Taught in English. 2022-today.

VGIS/Mechanical Engineering, 02 MSc: Robot Vision. Responsible for machine vision parts of the course, 7 of 14 lectures. Taught in English. 2020-2022. Taught remotely during Covid.

Supervision and examination:

14 BSc theses (across Medialogy, Information Processing Systems, and Robotics)

6 MSc theses (across VGIS and Robotics)

20+ groups on regular BSc semesters (across Medialogy and Robotics)

10+ groups on regular MSc semesters (across VGIS and Medialogy)

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 coordination:

Medialogi, 03 BSc. 2019-today.

Information Processing Systems, 06 BSc. 2022.AI Vision and Sound, 03 MSc. 2023.

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.

University Pedagogical Programme at Aalborg University, 2020.

AAU certification in English as a medium of instruction to level C1 CEFR

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

Participated with a poster at AAU Learning Day 2022

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

Responsible for development of the curriculum and study plan for the entire AI Engineering Education (BEng) starting in 2023.

Developed Introduction to Creative Digital Development at Medialogy with Kasper Rodil.

Developed Perception and Acquisition of Data at AI, Vision and Sound with Aleksandra Kasowska and Rodrigo Ordoñez

Built a full catalog of video lectures for computer vision with Rikke Gade and Chris Bahnsen. We cover the full spectrum from absolute beginners to master's level topics.

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

Nominated for Medialogy Teacher of the Year 2022

Won the AAU Science Slam 2023 (a competition on making the best 6 minute scientific talk, no slideshow allowed)

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).

I love teaching. Figuring out how to express complex subjects in a simple to understand manner is one of my favorite puzzles to solve - from explaining board game rules to my friends, to competing in AAU Science Slam (and winning), to designing full university level courses, the intellectual challenge is fantastic.

I do my very best to meet the students where they are and often adjust courses as they run in order to give the students the best possible experience.

I am a staunch believer in mini-projects, as I think the only way you really learn is by applying your skills. Designing a good mini-project is an art form, and while I don't always hit, I am very happy with my current 3rd semester image processing mini-project on board game analysis. An important point from this is doing mini-projects in 2-person groups: Being 2 people allows for good discussion and brainstorming, while ensuring that nobody can "hide" in a group. This works great and has received very good feedback from students.

I am dedicated to improving my teaching, and apart from soliciting feedback from students as courses progress, I always ask my students to evaluate my teaching in an anonymous questionnaire at the end of a course to collect as much data as possible on my performance.

8. Andet.

Skriv dit svar her...