# 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.

I have approximately 18 years full-time teaching experience; primarily teaching technical courses in the field of information technology.

As a software designer I have been responsible for developing and running a variety of technical and non-technical courses for clients in Denmark and abroad during development and implementation of software solutions.

As a full-time educator at Techcollege in Aalborg for 12 years, I have taught Data technicians (5-year program), IT-Supporters (3-year program) and run specialised courses for private customers. The latter including, but not limited to, the Danish Police Force (Investigators and IT personnel), The Royal Danish Army (both civilian and military personnel) and various private companies.

For the past 10 years, my teaching experience has been concentrated at Aalborg University where I teach regular courses at Bachelors and Masters (full-time and part-time students) level. I also regularly develop and teach customized courses for external clients. I am mainly affiliated with the digitalization programs at the Department of Politics and Society; however, I regularly collaborate on courses with colleagues from Computer Science and Electrical Engineering.

Most of the courses I teach are centred around technical subjects such as: Software Engineering, Object-oriented programming (C#, Java & Python), Administrative scripting & automation (Python & Powershell), Object-oriented analysis and design, Systems integration, Windows and Unix network and server administration, Cybersecurity (analysis, risk management and pentest), auditing and compliance (ISO27001, NIST & NIS2), Artificial Intelligence and Web Technologies.

I also have solid experience of 'softer' subjects. Among others: Psychology, Customer service, Human-Computer Interaction, IT Service Management (ITIL), IT Project management (Scrum, Prince2, Lean/Kanban, PMBOK) and UX Design.

As of 2023 my focus is mainly on subjects related to Cybersecurity.

Teaching CV:2019 – present: Teaching Associate Professor, Department of Politics and Society, AAU. Lecturing at Bachelor of Innovation and Digitization (BID), Bachelor of IT (BAIT), Master of IT Management (ITL) and Master of Public Administration. Guest lecturing at Computer Science, Software Engineering and Master of IT.

Primarily responsible for teaching and developing modules with technical content including:* Udvikling af IT (BID)* Human-Computer-Interaction [HCI/DEB] (BID & BAIT)* IT-systemdesign og programmering i praksis (ITL)* Design af it-baserede systemer (ITL)* Fra data til værdi og forandring i organisation og samfund (BID & BAIT)* Cybersikkerhed i organisation og samfund (ITL)* Cybersikkerhed i Organisationer (BID)* Organisatorisk Cybersecurity (MPG)* Design og Styring af digitaliserings- og innovationsprojekter (BID & BAIT)

I also regularly teach (fully and partially) the following modules:* Innovation og forandring: Offentlig innovation (BID)* Informationssystemers rolle i organisationer (ITL)* Organisation og innovation (BID)* Velfærds- og sundhedsteknologi (BID)* Brugerfokuseret innovation og design (BID)* IT som pædagogisk værktøj (BID)* Gevinster og gevinstrealisering (BID)* Teknisk IT-Sikkerhed for Generalister (MIT)* System Development (DAD)

I regularly act as academic councillor for student groups on all semesters of the BID, ITL and POLADM programs - from 1. to 10. semester. Typically counselling an average of approximately 5 groups pr. semester.

Currently, I am developing multiple customised cybersecurity courses for external parties, including the Royal Danish Army and various private companies.

2017 - 2019: Part-time Lecturer at Department of Political Science, AAU. Attached to Bachelor of Innovation and Digitisation (BID) and Master of IT Management (Cand. IT).

I was responsible for the following BID modules:* Introduction to design of IT systems with object-oriented programming (5 ECTS)* Introduction to Human Computer Interaction (5 ECTS)

As well as teaching I was also Academic Counsellor for first and second semester Cand. IT students as well as first and second semester BID students. I also regularly ran courses for The Department of Communication and Psychology (Web Design with HTML, CSS & Javascript & IT Project Management), and acted as academic counsellor (9. Semester Information Architecture & Interactive Digital Media). I acted as examiner/censor for The Department of Computer Science (BaIT/INF, Computer Science, Software Engineering and Interaction Design). Primarily on semester projects (BaIT/INF) and the course on Object Oriented Analysis and Design.

2017 - 2019: As head of the national centre for automation and robotics I have given various lectures and talks on digitisation, computational thinking and 21. Century skills to trade unions, regional educational and industrial networks, Region North Jutland, Aalborg Municipality and various private companies.

2005 - 2017: Educator on vocational IT (EUD & EUX) programmes at Techcollege. Full-time except while working on my Ph.D. between November 2013 to December 2016. During this period my teaching requirement was split between Techcollege and Aalborg University.

My focus was mainly on high-level programming courses, IT-Security, Software design, IT Project management, Object-oriented analysis and design, web technologies as well as Usability and Human Computer Interaction.

Apart from teaching in Denmark I have participated in several international projects on behalf of Techcollege all of which have involved teaching and other forms of dissemination in English. Most notably in the US (Trident Technical College,

Charleston, SC), Singapore (ITE College) and Poland (ZSE-H Kolobrzeg). Besides dissemination to students, teachers and The Press I have been responsible for negotiating and writing letters of intent, planning and executing local courses (as a guest lecturer) and later running courses in Denmark (for exchange students and teachers).

Besides teaching regular courses, I have periodically developed and run customised courses for external parties. Mainly in Object-oriented programming with C# & Java, Project management and IT-Security.

2013 - 2016: Ph.d. Student at Department of Communication & Psychology, Centre for Interactive Digital Media and Experience Design (InDiMedia). This includes planning and coordination of course and academic counselling activities at InDiMedia while working on interdisciplinary workshops such as: U-CrAc, Wofie and DADIU.

I was responsible for regular courses on: Project management, Business development and introduction to webdesign with HTML & CSS.

1997 - 2005: Customised training courses for clients as part of development and implementation of medium to large scale software solutions; primarily specialised document management components for quality assurance systems (ISO, OHSAS etc.) targeting manufacturing and offshore companies.

Courses were typically designed and run as part of the implementation process. They targeted various user groups ranging from highly technical to non-technical. Course duration typically between two and five days each.

2000: Designing and running course on Prototyping for 6. Semester Computer Science and Humanities, Aalborg University.

1997: Running software-based business simulations (ComStrat) for students at Aalborg University. Course was developed as part of an international project based in Bratislava. Prototype testing was conducted at Aalborg University as part of the development cycle.


## 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.

During my 12 years teaching at Techcollege I have been involved with every aspect of educational administration and management required of teaching teams. Moreover, my work as the head of the Knowledge centre for Automation & Robotics has allowed me to work with education management and educational politics at the highest level, in direct collaboration with the Danish Ministry of Education.

I am currently project lead for two educational development projects funded by IT-Vest. The first to implement Computational Thinking in the bachelor's and master's programmes I am currently affiliated with. The second to formalise a cross-faculty collaboration around the Bachelor of Innovation and Digitalisation (SSH) and Bachelor of Information Technology (TECH) programs.

Since 2020, I have been a member of the department counsel (Institutråd) for the Department of Politics and Society.


## 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

As Teaching Associate Professor, I completed the full University Pedagogy & PBL programme at Aalborg University including obligatory English Language Certification (2020).

As part of my Ph.d. studies I completed the basic course in university pedagogy at Aalborg University (2014).

As a full-time educator I have participated in and passed obligatory teacher training at Danmarks Erhvervspædagogiske Læreruddannelse (3 modules of approx. 200 hours each over 1½ years) parallel to full-time teaching (teaching requirement reduced by 200 hours pr. 6 months to allow for the module) and mandatory supervision. Course is completed with a practical exam which takes place while teaching a class and a theoretical exam based on an individual project report ("Ny struktur på data uddannelserne – På vej mod specialisering og didaktisk redesign af fagstrukturen" [December 2007]).

Completed Training Specialist certification (HRD Training of Trainers course), Århus Technical College, Århus, Denmark (on behalf of the Chartered Institute of Personnel and Development [CIPD]) (1989)

Please feel free to contact me directly for formal documentation of qualifications.


## 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.

Educational publications (Peer-reviewed):
* Haslam, C. R. (2016). Enabling Student-Driven Innovation Through Interdisciplinary Initiatives Within Danish Vocational Education. [Ph.D. Thesis]. Aalborg University.
* Haslam, C. R., Bach, L., & Thomsen, T. V. (2016). nKNOWation—Et sundhedsteknologisk innovationssamarbejde mellem to nordjyske erhvervsskoler. Cepra-Striben, 21.
* Haslam, C. R. (2016). Developing apprentice skills for innovation through interdisciplinary training and education. XXVII ISPIM Innovation Conference, June.
* Haslam, C., & Rosenstand, C. A. F. (2015). Evaluering af innovationskapacitet i erhvervsrettede uddannelser. Cepra-Striben, 18, 64–73.

Educational publications (other):
Re-working the theory- and workbook for the pedagogical method known as "The LP Model" for use with vocational educations and high schools as well as primary and secondary schools. The work was done in collaboration with Tina Lindegaard Pedersen from Technology College Aalborg on behalf of Act2Learn, University College Nord (UCN), Aalborg, Denmark. Published in: "Arbejdet med LP-Modellen I Erhvervsskolen" – Thomas Nordahl (ISBN: 978-87-994449-1-5)

Reviewer, educational journals:
* Triple Helix Journal (since 2016)
* CEPRA-Striben (since 2015)

Other activities:
* Active member of School Board for Gistrup Skole 2010 - 2023.
* Voting member of Municipal Public School Board for the municipality of Aalborg (Fælles Rådgivende Organ) 2013-2018

# 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.

I am currently developing multiple customised cybersecurity courses for external parties, including the Royal Danish Army and various private companies.

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

Faculty of Social Sciences, Teacher of the year 2021

# 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)

I am a strong proponent of inter-, and cross- disciplinary education and constantly strive to build bridges between SSH, TECH and ENG disciplines for our students.

# 8. Any other information or comments.