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 Taught (In English unless otherwise stated)

Spring 1994, Teaching half-day course on "Constraints in SQL" at Kommunedata, Aarhus, Denmark (Danish)

Spring 1994, Teaching one-day course on "Oracle SQL" at Kommunedata, Aarhus, Denmark (Danish)

Fall 1995, Teaching one-day course on "SQL and NATURAL" at Kommunedata, Aarhus, Denmark (Danish)

Spring 1996, Teaching one-day course on "SQL and NATURAL" at Kommunedata, Aarhus, Denmark (Danish)

Fall 2000, Co-teaching DAT5 (CS Masters Thesis) course on Databases at the Department of Computer Science, Aalborg University

Fall 2000, Teaching DAT7 (CS supplementary year) course on "Emerging Technologies in Database and Programming Technologies" at the Department of Computer Science, Aalborg University

Fall 2001, Co-teaching DAT5 (CS Masters Thesis) course on Database and Programming Technologies at the Department of Computer Science, Aalborg University

Fall 2002, Co-teaching DAT5 (CS Masters Thesis) course on Database and Programming Technologies at the Department of Computer Science, Aalborg University

Spring 2003, Teaching DAT8 course on "Data Warehousing and Machine Learning" (with Finn V. Jensen) at the Department of Computer Science, Aalborg University

Fall 2003, Co-teaching DAT5 (CS Masters Thesis) course on Database and Programming Technologies at the Department of Computer Science, Aalborg University

Spring 2004, Teaching DAT8 course on "Data Warehousing and Machine Learning" (with Finn V. Jensen) at the Department of Computer Science, Aalborg University

Fall 2004, Teaching "Information Systems" course (database modeling and design, SQL, reporting) at Aarhus University.

Spring 2005, Teaching DAT8 course on "Data Warehousing and Machine Learning" (with Manfred Jaeger) at the Department of Computer Science, Aalborg University

Fall 2005, Co-teaching DAT5 (CS Masters Thesis) course on Database Technology at the Department of Computer Science, Aalborg University

Fall 2005, Teaching "Information Systems" course (database modeling and design, SQL, reporting) at Aarhus University.

Spring 2006, Teaching DAT8 course on "Data Warehousing and Machine Learning" (with Manfred Jaeger) at the Department of Computer Science, Aalborg University

Fall 2006, Teaching ITEV (part-time Masters distance education) course on "Data Warehousing and Data Mining" (with Thomas D. Nielsen and Manfred Jaeger) at the Department of Computer Science, Aalborg University

Fall 2006, Teaching "Information Systems" course (database modeling and design, SQL, reporting) at Aarhus University.

Fall 2007, Teaching "Information Systems" course (database modeling and design, SQL, reporting) at Aarhus University.

Fall 2007, Co-teaching DAT5 (CS Masters Thesis) course on Database Technology at the Department of Computer Science, Aalborg University

Fall 2008, Co-teaching DAT5 (CS Masters Thesis) course on Database Technology at the Department of Computer Science, Aalborg University

Fall 2008, Teaching "Information Systems" course (database modeling and design, SQL, reporting) at Aarhus University.

Fall 2009, Teaching "Information Systems" course (database modeling and design, SQL, reporting) at Aarhus University.

Fall 2012, Co-teaching DAT5 (CS Masters Thesis) course/seminar on Database Technology at the Department of Computer Science, Aalborg University

Fall 2013, Co-teaching DAT5 (CS Masters Thesis) course/seminar on Database Technology at the Department of Computer Science, Aalborg University

Fall 2016, Co-teaching DAT5 (CS Masters Thesis) course/seminar on Database Technology at the Department of Computer Science, Aalborg University

Fall 2020, Co-teaching SW7 course on Data-Intensive Systems at the Department of Computer Science, Aalborg University

Spring 2021, Co-teaching DV4 course on Big Data Systems at the Department of Computer Science, Aalborg University

Fall 2021, Co-teaching SW7 course on Data-Intensive Systems at the Department of Computer Science, Aalborg University

Spring 2022, Co-teaching DV4 course on Big Data Systems at the Department of Computer Science, Aalborg University

Fall 2022, Co-teaching SW7 course on Data-Intensive Systems at the Department of Computer Science, Aalborg University

Fall 2022, Co-teaching DAT5 (CS Masters Thesis) course/seminar on Database Technology at the Department of Computer Science, Aalborg University

Spring 2023, Co-teaching DV4 course on Big Data Systems at the Department of Computer Science, Aalborg University

Ph.D. Students Advised ((Home) head advisor unless stated otherwise)

Graduated

Igor Timko, August 2002–July 2005. Thesis topic: Business Intelligence for Location-Based Services, defended October 3, 2005. First job: Assistant Professor at the Free University of Bozen-Bolzano, Italy.

Xuepeng Yin, August 2003–May 2007. Thesis topic: Integrating OLAP with XML and Data streams, defended on August 17, 2007. First job: business intelligence consultant.

Christian Thomsen, August 2004–October 2007. Thesis topic: Aspects of Data Warehouse Technologies for Complex Web Data, defended on January 17, 2008. Present job: Associate Professor at Daisy, Department of Computer Science, Aalborg University.

Gyozo Gidofalvi, August 2004–December 2007. Thesis topic: Spatio-Temporal Data Mining for Location-Based Services, defended on March 11, 2008. Present job: Associate Professor at KTH Stockholm, Royal Institute of Technology, Sweden.

Francois Deliege, January 2006–June 2009. Thesis topic: Concepts and Techniques for Flexible and Effective Music Data Management, defended on September 25, 2009. Present job: Team lead at Instagram, Menlo Park, USA.

Morten Middelfart, October 2007–October 2010. Thesis topic: Sentinel Mining, defended on December 6, 2010. Present job: Co-Founder at Lumina Analytics, Tampa, USA.

Nadeem Iftikhar, August 2007–July 2011. Thesis topic: Flexible and Effective Aggregation and Exchange of Farming-related Data, defended on August 26, 2011. Present job: Associate Professor at University College North Jutland (UCN), Aalborg, Denmark.

Xiufeng Liu, August 2008–May 2012. Thesis topic: Data Warehousing Technologies for Largescale and Right-time Data, defended on June 15, 2012. Present job: Senior Researcher at the Technical University of Denmark (DTU).

Laurynas Siksnys, January 2010–February 2014. Thesis topic: Towards Prescriptive Analytics in Cyber-Physical Systems, defended on May 14, 2014. Host co-advisor is Prof. Wolfgang Lehner, TU Dresden, for a joint AAU-TUD degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Co-Founder at FlexShape.

Saulius Samulevicius, October 2010–December 2015. Thesis topic: Energy Optimization through Load Prediction in Heterogeneous Mobile Broadband Networks, defended April 8, 2016. Co-advised by Troels B. Sørensen, AAU.

Tanvir Ahmed, January 2012–February 2016. Thesis topic: Analytics on Indoor Moving Objects, defended May 24, 2016. Home assistant advisor is Hua Lu, AAU and Host co-advisor is Toon Calders, Universite Libre de Bruxelles, for a joint AAU-ULB degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Lecturer at University of Central Florida, USA.

Asif Iqbal Baba, January 2012–June 2016. Thesis topic: Data Cleansing in RFID Data, defended November 18, 2016. Co-advisor, head advisor is Hua Lu. Present job: Associate Professor at University of North Texas, USA.

Jovan Varga, October 2013–October 2016. Thesis topic: Semantic Metadata for Supporting Exploratory OLAP, defended January 23, 2017. Host co-advisor, host assistant advisor is Christian Thomsen, AAU. Home head advisor is Prof. Oscar Romero, UPC Barcelona, for a joint UPC-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Senior Data Engineer at Microsoft.

Bijay Neupane, August 2013–July 2017. Thesis topic: Predictive Data Analytics for Energy Demand Flexibility, defended November 3, 2017. Home assistant advisor is Bo Thiesson, AAU, and Host co-advisor is Prof. Wolfgang Lehner, TU Dresden, for a joint AAU-TUD degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Postdoc at Daisy, Department of Computer Science, Aalborg University.

Dilshod Ibragimov, October 2013–August 2017. Thesis topic: Optimizing Analytical Queries over Semantic Web Sources, defended November 15, 2017. Host co-advisor, host assistant advisor is Katja Hose, AAU. Home head advisor is Prof. Esteban Zimanyi, Universite Libre de Bruxelles, for a joint ULB-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Lecturer, Westminster International University in Tashkent, Uzbekistan.

Emmanouil Valsomatzis, October 2012–August 2016. Thesis topic: Aggregation Techniques for Energy Flexibility, defended December 4, 2017. Home assistant advisor is Katja Hose, AAU and Host co-advisor is Prof. Alberto Abello, UPC Barcelona, for a joint AAU-UPC degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Data Analytics Lead at Pandora, Denmark.

Kai Hermann, February 2015–September 2017. Thesis topic: Multi-Schema-Version Data Management, defended December 13, 2017. Host co-advisor. Home head advisor is Prof. Wolfgang Lehner, TU Dresden, for a joint TUD-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Robotron, Germany.

Muhammad Aamir Saleem, September 2014–March 2018. Thesis topic: Location Analytics for Location-Based Social Networks, defended May 30, 2018. Home assistant advisors are Panagiotis Karras and Xike Xie, AAU and Host co-advisor is Toon Calders, Universite Libre de Bruxelles, for a joint AAU-ULB degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Data Science, Mediacorp, Singapore.

Faisal Moeen Orakzai, September 2014–February 2019. Thesis topic: Movement Pattern Mining over Large-Scale Datasets, defended April 1, 2019. Host co-advisor. Home head advisor is Prof. Toon Calders, Universite Libre de Bruxelles, for a joint ULB-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present Job: Big Data Architect, National Bank of Belgium, and CEO Digifloat.

Søren Kejser Jensen. August 2015–August 2019. Thesis topic: Model-based data management for cyber-physical systems, defended November 4, 2019.. Home assistant advisor is Christian Thomsen, AAU. Present job: Postdoc at Daisy, Aalborg University

Nurefsan Gur, August 2013–January 2020. Thesis topic: Business Intelligence over Linked Open Spatio-Temporal Data, defended April 2, 2020. Home assistant advisor is Katja Hose, AAU and host co-advisor is Prof. Esteban Zimanyi, Universite Libre de Bruxelles, for a joint ULB-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Data Scientist at A. P. Moller - Maersk.

Rudra Pratap Deb Nath, September 2014–May 2020. Thesis topic: ETL for Semantic Data, defended October 1, 2020. Home assistant advisor is Katja Hose, AAU and Host co-advisor is Prof. Oscar Romero, UPC Barcelona, for a joint AAU-

UPC degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Associate Professor at University of Chittagong, Bangladesh.

Nusrat Jahan Lisa, October 2016–September 2020. Thesis topic: Hardware-Software Codesign for Analytics, defended December 10, 2020. Host co-advisor. Home co-advisor is Prof. Wolfgang Lehner, TU Dresden, for a joint AAU-TUD degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Postdoc at UNICAMP, Brazil.

Srivinasa Raghavendra Bhuvan Gummidi. September 2015–February 2021. Thesis topic: Spatial Crowdsourcing, defended May 11, 2021. . Host co-advisor is Prof. Esteban Zimanyi, Universite Libre de Bruxelles, for a joint ULB-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Postdoc at University of Southern Denmark.

Suela Isaj, August 2017–February 2021. Thesis topic: Integration of spatial and geospatial data, defended June 8, 2021. Host co-advisor is Prof. Esteban Zimanyi, Universite Libre de Bruxelles, for a joint ULB-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program. Present job: Data Engineer at Issuu.

Tianyi Li. August 2018-October 2021. Thesis topic: Aspects of Big Trajectory Data Management–Trajectory Compression and Clustering, defended January 19, 2022. Co-advisor, main advisor Christian S. Jensen, AAU. Present job: Assistant Professor at Daisy, Aalborg University.

Ongoing

Mohsin Iqbal, September 2016–present. Thesis topic: Spatio-Textual Analytics. Home co-advisor is Matteo Lissandrini, AAU. Host co-advisor is Prof. Esteban Zimanyi, Universite Libre de Bruxelles, for a joint ULB-AAU degree in the IT4BI-DC Erasmus Mundus Joint Doctorate program.

Van Long Ho, November 2019-present. Thesis topic: Temporal pattern and correlation mining. Co-advisor is Nguyen Ho, AAU.

Jonas Brusokas, September 2020-present: Thesis topic: Machine and Deep Learning for Flexible Energy and Beyond. Co-advisor is Dalin Zhang, AAU.

Carlos Enrique Muniz Cuza. February 2021-present. Thesis topic: Machine Learning on Compressed Time Series. Co-advisor is Nguyen Ho, AAU.

Christos-Charalampos Papadopoulos. October 2021-present. Thesis topic: Scalable Prescriptive Analytics for data intensive applications. Host co-advisors are Yannis Ioannidis and Alkis Simitsis, Athena Research Center, for a joint degree in the Data Engineering for Data Science (DEDS) Marie Sklodowska-Curie program.

Sigmundur Vang. October 2021-present. Thesis topic: Data Cubes for Time Series and Heterogeneous Data Sources In Big Data Setting. . Co-advisor, main advisor Christian Thomsen, AAU.

Ibraheem Taha. June 2022-present. Thesis topic: Interactive exploration and analytics on complex big data. Host head advisor. Host co-advisor co-advisor is Matteo Lissandrini, AAU. Home head advisor is Yannis Ioannidis and host co-advisor is Alkis Simitsis, both Athena Research Center, for a joint degree in the Data Engineering for Data Science (DEDS) Marie Sklodowska-Curie program.

M.Sc. Thesis Students advised (ongoing not included)
Mikael R. Jensen, September 2000–June 2001
Thomas H. Møller, September 2000–June 2001
Dennis Pedersen, September 2000–June 2001
Karsten Riis, September 2000–June 2001
Jan Eliasen, September 2001–June 2002
Søren E. Jespersen, September 2001–June 2002
Kasper Kjær, September 2001–June 2002
Jesper Thorhauge, September 2001–June 2002
Helen Urban, September 2001–June 2002
Xuepeng Yin, September 2002–June 2003
Luis D. Gonzales, February 2003–June 2003 (Socrates exchange student)
Trien Huy Ly, September 2003–June 2004
Jakob Mogensen, September 2003–June 2004
Kristian Skouboe, September 2003–June 2004
Louise Due, September 2003–January 2005 (part-time student, first informatics student to specialize outside the Information Systems unit)
Ester Moses Mungure, September 2005–June 2006
Claus Aage Jensen, September 2005–June 2006
Kenneth Sørensen, September 2005–June 2006
Rune Leth Weiding, September 2008–June 2009.
Nicholas Tinggaard, September 2008–June 2009.
Lasse Christiansen, September 2012–June 2013
Kenneth Fuglsang Christensen, September 2012–June 2013
Jeppe Pihl, September 2012–June 2013
Kim Jacobsen, September 2013–June 2014
Alex Bondo Andersen, September 2013–June 2014
Philipp Daniel Freiberger, September 2016–September 2017

Additional Project Supervision
Spring 2000, Advisor for B.Eng. (Diplomingeniør) project in Computer Engineering at the Department of Computer

Science, Aalborg University

Fall 2000, Advisor for two DAT7 (CS supplementary year) students at the Department of Computer Science, Aalborg University

Spring 2001, Advisor for three DAT4 (BS final year) students at the Department of Computer Science, Aalborg University

Spring 2001, Advisor for two DAT8 (CS supplementary year) students at the Department of Computer Science, Aalborg University

Fall 2001, Advisor for three DAT7 (CS supplementary year) students at the Department of Computer Science, Aalborg University

Spring 2002, Advisor for three DAT8 (CS supplementary year) students at the Department of Computer Science, Aalborg University

Fall 2002, Advisor for two INF3 groups at the Department of Computer Science, Aalborg University

Spring 2003, Advisor for seven DAT4 (BS final year) students at the Department of Computer Science, Aalborg University

Fall 2006, Advisor for one DAT7 (CS supplementary year) student at the Department of Computer Science, Aalborg University

Spring 2012, Advisor for one SW8 Elite group at the Department of Computer Science, Aalborg University.

Spring 2013, Advisor for one SW8 Elite group at the Department of Computer Science, Aalborg University.

Additional Teaching Activities

Fall 1990, Teaching Assistant, Dat 22 course (formal models for computation, computability, complexity theory), Department of Computer Science, Aarhus University, Denmark

Spring 1991, Teaching Assistant, Dat 23 course (formal semantics), Department of Computer Science, Aarhus University, Denmark

Fall 1992, Teaching Assistant Dat Alfa course (databases, programming, spreadsheets), Department of Computer Science, Aarhus University, Denmark

Spring 1993, Teaching Assistant, dFM course (formal models for computation, computability), Department of Computer Science, Aarhus University, Denmark

Fall 1993, Teaching Assistant DAT Alfa course (databases, programming, spreadsheets), Department of Computer Science, Aarhus University, Denmark

January 2000, External evaluator (censor) at the Basic Year of the Faculty of Engineering and Science, Aalborg University, Denmark

Spring 2000, External evaluator (censor) for two DAT4 project groups at the Department of Computer Science, Aalborg University

Spring 2000, External evaluator (censor) for the DAT4 database course at the Department of Computer Science, Aalborg University

Fall 2000, Guest Lecturer (Data Warehousing) in database course, IT University of Copenhagen, Denmark

Fall 2000, External Evaluator (censor) for the Open Education Database course at the Department of Computer Science, Aalborg University

Fall 2000, External Evaluator (censor) for DAT1 mini-projects in Object-Oriented Programming at the Department of Computer Science, Aalborg University

Spring 2001, External evaluator (censor) for a project on the second semester of the International Master in Knowledge and Data Engineering, at the Department of Computer Science, Aalborg University

Spring 2002, External examinator (censor) for a Masters thesis at the IT University of Copenhagen

Spring 2002, External examinator (censor) for the course "Central Databases" at the IT University of Copenhagen

Fall 2002, External examinator (censor) for a Masters thesis at the IT University of Copenhagen

April 2002–present, Appointed as external examiner (censor) by the Danish National Board of External University Examiners.

Spring 2003, External examinator (censor) for XML project at the IT University of Copenhagen

Spring 2004, External evaluator (censor) for four INF3 project groups at the Department of Computer Science, Aalborg University

Spring 2004, External examinator (censor) for six web technology projects at the IT University of Copenhagen

Spring 2004, External examinator (censor) for a Masters thesis at the IT University of Copenhagen

Spring 2004, External examinator (censor) Data Warehousing course at Vitus Bering, IT-Engineer education, Horsens, Denmark

Fall 2004, External examinator (censor) for two written projects at the University of Copenhagen Spring 2005, External examinator (censor) for a Masters thesis at the University of Copenhagen

Fall 2005, External examinator (censor) for a Masters thesis at the University of Aarhus

Fall 2005, External examinator (censor) for a written project at the University of Copenhagen

Spring 2006, External examinator (censor) for a Masters thesis at the University of Copenhagen

Fall 2006, External examinator (censor) for a database course at Roskilde University

Spring 2007, External examinator (censor) for a database course at Roskilde University

Fall 2007, External examinator (censor) for two Masters theses at the University of Copenhagen

Fall 2007, External examinator (censor) for two Masters theses at the IT University of Copenhagen

Fall 2007, External examinator (censor) for a Master thesis at the Technical University of Denmark

Fall 2007, External examinator (censor) for a database course at Roskilde University

Spring 2008, External examinator (censor) for a database tuning course at the IT University of Copenhagen

Spring 2008, External examinator (censor) for a database course at the IT University of Copenhagen

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.

Spring 2000–Spring 2001, Member of planning committee for Masters Education in "Advanced Data Analysis" at the Department of Computer Science, Aalborg University.
Fall 2000–Fall 2001, Teaching Coordinator for the Database and Programming Technologies Unit at the Department of Computer Science, Aalborg University.
Spring 2002–Spring 2005, Member of the Study Board for Natural Sciences (F-studienævnet) at Aalborg University.
Fall 2002–Fall 2003, member of revision committee for the Informatics education at Aalborg University.
Fall 2004–Fall 2006, main responsible for the development of a 15 ECTS database technology education package for the "ITEV" part-time Masters distance education.
Spring 2007–Spring 2012 Head of the Ph.D. program in computer science and engineering at the International Doctoral School of Technology and Science, Aalborg University.
2012-present Local Program Coordinator in the IT4BI-DC Erasmus Mundus Joint Doctorate program.
2020-present: Local Program Coordinator in the Data Engineering for Data Science (DEDS) Marie Sklodowska-Curie program.

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

Participation in "Theory of Education for Teaching Assistants" (Pædagogik for instruktorer) course, Aarhus University
Participation in "Pædagogik for adjunkter" (Theory of Education For Assistant Professors) course, Aalborg University. Passed with grade Very Satisfactory (best passing grade).
Participation in Ph.D. Supervisor Course, Doctoral School of Technology and Science, Aalborg University

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.

Fall 2003–Spring 2005. Pedagogical supervisor for assistant professor Emmanuel Fleury during his pedagogical training at Aalborg University.
Spring 2021-Spring 2022, Pedagogical supervisor for assistant professor Kaixuan Chen during her pedagogical training at Aalborg University.

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.

Cooperation with co-advisors from TU Dresden, ULB Bruxelles, UPC Barcelona, and Poznan UT on joint Ph.D. degrees in the IT4BI-DC Erasmus Mundus Joint Doctorate program 2013-present
Cooperation with co-advisors from Athena Research Center and University of Athens on joint Ph.D. degrees in the Data Engineering for Data Science (DEDS) Marie Sklodowska-Curie program 2020-present.
Fall 2000, developing DAT7 (CS supplementary year) course on "Emerging Technologies in Database and Programming Technologies" at the Department of Computer Science, Aalborg University from scratch.
Spring 2003, Co-developing DAT8 course on "Data Warehousing and Machine Learning" (with Finn V. Jensen) at the Department of Computer Science, Aalborg University from scratch.
Fall 2004, developing "Information Systems" course (database modeling and design, SQL, reporting) at Aarhus University from scratch.
Fall 2006, Developing ITEV (part-time Masters distance education) course on "Data Warehousing and Data Mining" at the Department of Computer Science, Aalborg University from scratch
Fall 2006, organizing Ph.D. course on Music Information Retrieval (with Søren Holdt Jensen), International Doctoral School of Engineering and Science, Aalborg University
Fall 2006, organizing Ph.D. course on Processing Sensor Streams, International Doctoral School of Engineering and Science, Aalborg University
Fall 2008, organizing Ph.D. course on Mining The Social Web, International Doctoral School of Engineering and Science, Aalborg University.
Spring 2004, organizing Ph.D. course on Web Services and Mobile Technologies (with Bent Thomsen), Department of Computer Science, Aalborg University

Spring 2009, organizing Ph.D. course on Research Topics in Spatio-Temporal Data Management International Doctoral School of Engineering and Science, Aalborg University
Fall 2010, organizing Ph.D. course on Large Scale Data Management and Cloud Computing International Doctoral School of Engineering and Science, Aalborg University. Lecturer Divy Agrawal, UC Santa Barbara.
Fall 2011, organizing Ph.D. course on From Mobility Data Management to Privacy-aware Analysis and Location-based Services International Doctoral School of Engineering and Science, Aalborg University. Lecturer Yannis Theodorithis, University of Piraeus.
Fall 2012, organizing Ph.D. course on Predictive Database Systems International Doctoral School of Engineering and Science, Aalborg University. Lecturer: Ugur Cetintemel, Brown University.
Spring 2013, organizing Ph.D. course on Data Management for Outdoor and Indoor Location-Based Services, International Doctoral School of Engineering and Science, Aalborg University. Lecturer: Christian S. Jensen, Aarhus University.
Spring 2013, organizing Ph.D. course on Introduction to Semantic Web Data Management, International Doctoral School of Engineering and Science, Aalborg University. Lecturer: Katja Hose, AAU.
Spring 2014, organizing Ph.D. course on Semantic Web Warehousing, International Doctoral School of Engineering and Science, Aalborg University. Lecturers: Katja Hose, AAU, and Oscar Romero, UPC Barcelona
Spring 2015, organizing Ph.D. course on Data Science: Concepts, Techniques and Systems, International Doctoral School of Engineering and Science, Aalborg University. Lecturer Bill Howe, University of Washington.
Fall 2015, organizing Ph.D. course on Big Data Management Systems: Concepts, Architectures and Implementation, International Doctoral School of Engineering and Science, Aalborg University. Lecturer: Christian Thomsen, AAU.
Fall 2016, organizing Ph.D. course on Integrated Analytics for Big Data, International Doctoral School of Engineering and Science, Aalborg University. Lecturer Tim Kraska, Brown University/MIT.
Fall 2017, organizing Ph.D. course on Aspects of Advanced Analytics International Doctoral School of IT and Design, Aalborg University. Lecturer Lukasz Golab, University of Waterloo, Laurynas Siksnys and Nguyen Ho, AAU.
Fall 2017, organizing Ph.D. course on Social Graph Analytics: Concepts, Algorithms, and Systems. International Doctoral School of IT and Design, Aalborg University. Lecturer Laks Lakshmana, University of British Columbia.
Spring 2018, organizing Ph.D. course on Blockchains and Databases. International Doctoral School of IT and Design, Aalborg University. Lecturer IBM Fellow C. Mohan, IBM Research.
Fall 2020, organizing Ph.D. course on Aspects of Advanced Analytics, International Doctoral School of IT and Design, Aalborg University. Lecturers Laurynas Siksnys and Nguyen Ho, AAU.
Spring 2021. Co-developing DV4 course on "Big Data Systems" (with Christian Jensen and Dalin Zhang) from scratch.
Fall 2021, organizing Ph.D. course on Time Series Modeling and Analytics, International Doctoral School of IT and Design, Aalborg University. Lecturer Themis Palpanis, Paris Descartes University
Spring 2022 organizing Ph.D. course on Incremental Machine Learning Algorithms for Time Series Data with Nguyen Ho, AAU. Lecturer Seshu Tirupathi, IBM Research
Fall 2022 organizing Ph.D. course on Incremental Machine Learning Algorithms for Time Series Data with Christian Thomsen, AAU. Lecturer Alexandros Nanopoulos, University of Hildesheim

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)

Link to my "Teaching Portfolio and Pedagogical Action Plan" from the AAU Pedagogical Course for Assistant Professors (in Danish) https://1drv.ms/b/s!AgQoSZM08AWCi_gtkcRAGzs7EIIPGw?e=peg6dU

8. Any other information or comments.

Type your answer here...