CURRICULUM VITAE – ANELIA KURTEVA

Name: Dr Anelia Kurteva

Current Work Position: Senior Postdoctoral Researcher at the Distributed AI Group, Department of Informatics, King's College London, The UK

Email: anelia.kurteva@kcl.ac.uk; a.kurteva1516@gmail.com

EDUCATION

PH.D. IN COMPUTER SCIENCE (NOV 2019 - AUG 2022)

Semantic Technology Institute (STI) Innsbruck, Department of Computer Science, University of Innsbruck, Innsbruck, Austria

Award Date: 22 Dec 2022

Thesis Topic: Making Sense of Consent with Knowledge Graphs

Supervisors: Prof. Anna Fensel (STI Innsbruck, University of Innsbruck and Wageningen University and Research) and Prof. Dieter Fensel (STI Innsbruck, University of Innsbruck)

Examiners: Prof. Ruben Verborgh (IDLab, Ghent University), Prof. Rainer Böhme (Security Lab, University of Innsbruck) and Prof. Anna Fensel

MASTER OF SCIENCE IN ADVANCED COMPUTER SCIENCE (SEPT 2018 - SEPT 2019)

School of Computer Science and Informatics, Cardiff University, The UK

Thesis Topic: Interface to query and visualise Definitions from a Knowledge Base

Supervisor: Prof. Hélène de Ribaupierre (University of Geneva, Switzerland)

BACHELOR OF SCIENCE IN COMPUTER SCIENCE WITH VISUAL COMPUTING (SEPT 2015 - JULY 2018)

School of Computer Science and Informatics, Cardiff University, The UK

Thesis Topic: Language Learning Tool

Supervisor: Prof. Irena Spasic (Cardiff University, The UK)

HIGH SCHOOL DEGREE (SEPT 2011 - MAY 2015)

School of Mathematics and Natural Sciences "Geo Milev", Stara Zagora, Bulgaria

PROFESSIONAL EXPERIENCE

SENIOR POSTDOCTORAL RESEARCHER (SEPT 2024 - AUG 2025)

Distributed AI Group, Department of Informatics, King's College London, The UK

Topic: Responsible and Data-Centric AI with Knowledge Graphs

Supervisor: Prof. Elena Simperl

Responsibilities: Conducting research on utilising semantics for responsible and trustworthy AI that is aligned with the department's vision; Leading scientific publications; Co-supervising PhD students; Project dissemination activities; Collaborating with other universities, industry and government organisations; supporting project writing for funding acquisition.

CURRICULUM VITAE – ANELIA KURTEVA

POSTDOCTORAL RESEARCHER (SEPT 2022 - AUG 2024)

Knowledge and Intelligence Design Group, Delft University of Technology, Delft, The Netherlands

Topic: Supporting Trusted Data Sharing for building FAIR Digital Product Passports of ICT in the Circular Economy with Ontologies and Knowledge Graphs

Supervisors: Prof. Alessandro Bozzon and Prof. Ruud Balkenende

Responsibilities: Led research on utilising semantics for AI in the sustainability domain that is aligned with the department's vision; Led project researcher on knowledge graphs and AI; Led the scientific publication of project results; Supported project's dissemination activities; Established collaboration with other universities, industry and government organisations; Co-supervising MSc students; Tutor BSc students.

EUROPEAN DATA PROTECTION BOARD SELECTED EXPERT (JUN 2023-PRESENT)

Selected to join the sub-list of experts in new technologies, legal technology and information security

Responsibilities: Act as a consultant and reviewer for selected projects when needed

SOFTWARE DEVELOPER (JUL 2019 - OCT 2019)

School of Computer Science and Informatics, Cardiff University, Cardiff, Wales, The UK

Topic: Healthcare Data and Process Digitization

Responsibilities: Translate user requirements into software ones; Collaborate with the University Hospital of Wales; Derive a plan for hospital service digitalisation

RESEARCHER (JUN 2018 - SEPT 2018)

Cardiff Cybersecurity Institute, School of Computer Science and Informatics, Cardiff University, Cardiff, Wales, The UK

Topic: Understanding Intolerance, Conviction and Extremism - Interpreting an Evolutionary Linked Data Model

Responsibilities: Research on innovative linked data visualisations for awareness of cybercrime and human interactions online; Software development;

IT ASSISTANT (JUN 2018)

Cardiff University, Cardiff, Wales, The UK

Responsibilities: Support the university's transition to a new software system

RESEARCHER (JUN 2017 - JUL 2017)

School of Computer Science and Informatics, Cardiff University, Cardiff, Wales, The UK

Topic: Artistic Rendering of RGB-D Images

Responsibilities: Research and implementation of algorithms for fine art visualisation

TOP 3 MOST REPRESENTATIVE PUBLICATIONS:

---

1. Chhetri, T. R., **Kurteva, A.**, DeLong, R. J., Hilscher, R., Korte, K., and Fensel, A. (2022). Data Protection by Design Tool for Automated GDPR Compliance Verification Based on Semantically Modeled Informed Consent. Sensors, 22(7), 2763. https://doi.org/10.3390/s22072763. (IF: 3.4, Citation number: 46)

*(This publication has been cited by the **OECD Digital Economy Policy Division** and the **German Federal Ministry of Labour and Social Affairs** as a significant contribution to the field of Accountable AI (see Table 4.3 in https://www.oecd-ilibrary.org/science-andtechnology/advancingaccountabilityin-ai_2448f04b-en)).*

I led the development of the consent semantic models (i.e. the smashHitCore ontology, which was later published as another journal paper); facilitated collaboration with domain and industry experts; investigated legal compliance based on GDPR; collaborated with the authors on conceptualising the system's architecture; contributed with implementation; led the paper writing and revision together with the 1st author.

2. **Kurteva, A.**, Chhetri, T. R., Pandit, H. J., and Fensel, A. (2024). Consent through the Lens of the Semantics: State of the Art Survey and Best Practices. Semantic Web, (pp. 1-27). IOS Press. https://content.iospress.com/articles/semantic-web/sw210438. (IF: 3.1, Citation number: 39)

I conceptualsed, surveyed and analysed the literature on consent ontologies; established collaboration with an external university and was responsible for leading the paper writing and revision.

3. Rasmusen, S. C., Penz, M., Widauer, S., Nako, P., **Kurteva, A.**, Roa-Valverde, A., and Fensel, A. (2022). Raising Consent Awareness With Gamification and Knowledge Graphs: An Automotive Use Case. International Journal on Semantic Web and Information Systems (IJSWIS), 18(1), 121. https://www.igi-global.com/gateway/article/300820. (IF 4.1, Citation number 30)

This paper is the result of a group project implemented by master students that I supervised. I formulated the research topic; helped select the students that formed the team; developed the knowledge graphs; prototyped the visualisations and co-supervised the students during the semester. The tool that we developed was tested by our collaborators at Volkswagen AG in the scope of the CampaNeo FFG project.

(In the top 10% of Computer Science publications for 2022)

FULL PUBLICATION LIST:

1. **Kurteva, A**. and Domingue, J. (2024). Towards Cultivating Decentralised Data Privacy, Interoperability and Trust with Semantic PETs and Visualisations. In NeXt-generation Data Governance workshop at the 20th SEMANTiCS Conference.

2. **Kurteva, A.**, McMahon, K., Bozzon, A., Balkenende, R. (2024). Semantic Web and its Role in Facilitating ICT Data Sharing for the Circular Economy: An Ontology Survey. Semantic Web journal, vol. Pre-press, no. Pre-press, pp. 1-33, 2024. https://doi.org/10.3233/SW-243586

3. **Kurteva, A**., van der Valk, C., McMahon, K., Bozzon, A., Balkenende, R. (2024). RePlanIT Ontology for FAIR Digital Product Passports of ICT: Laptops and Data Servers. Semantic Web journal (In Review).

4. **Kurteva, A**., Chhetri, T. R., Pandit, H. J., and Fensel, A. (2024). Consent through the Lens of the Semantics: State of the Art Survey and Best Practices, Semantic Web journal, vol. 15, no. 3, pp. 647-673 IOS Press. https://content.iospress.com/articles/semantic-web/sw210438.

5. **Kurteva A.,** Chhetri TR, Tauqeer A, Hilscher R, Fensel A, Nagorny K, Correia A, Zilverberg A, Schestakov S, Funke T, Demidova, E. (2023). The smashHitCore Ontology for GDPR-Compliant Sensor Data Sharing in Smart Cities. Sensors; 23(13):6188. https://doi.org/10.3390/s23136188.

6. Bushati, G., Rasmusen, S., **Kurteva, A**., Nako, P., Vats, A., Fensel, A. (2023). What is in Your Cookie Box? Explaining Ingredients of Web Cookies with Knowledge Graphs. Semantic Web journal. https://doi.org/10.3233/SW-233435

7. **Kurteva A**. and Pandit, H.J. (2023). Relevant Research Questions for Decentralised (Personal) Data Governance, In Trusting Decentralised Knowledge Graphs Workshop (TrustDeKW) at the 20th Extended Semantic Web Conference (ESWC). Available at https://doras.dcu.ie/28331/1/paper.pdf.

8. **Kurteva, A.** (2022). Making Sense of Consent with Knowledge Graphs. (PhD Thesis). Available at https://bibsearch.uibk.ac.at/primo-explore/fulldisplay?docid=UIB_alma51271986610003333&context=L&adaptor=Local%20Search%20Engine&vid=UIB&lang=de_DE&search_scope=Blended&tab=default_tab&query=addsrcrid,exact,AC16740108

9. Tauqeer, A., **Kurteva, A**., Chhetri, T. R., Ahmeti, A., and Fensel, A. (2022). Automated GDPR Contract Compliance Verification Using Knowledge Graphs. Information, 13(10), 447. https://doi.org/10.3390/info13100447.

10. Chhetri, T. R., **Kurteva, A.,** DeLong, R. J., Hilscher, R., Korte, K., and Fensel, A. (2022). Data Protection by Design Tool for Automated GDPR Compliance Verification Based on Semantically Modeled Informed Consent. Sensors, 22(7), 2763. https://doi.org/10.3390/s22072763.

11. **Kurteva, A**., Tauqeer, A., Fensel, A. (2022). Data Sharing in smashHit: Making Consent and Contracts Interpretable with Knowledge Graphs. TRUSTs Workshop. Available at https://www.trusts-dataeu/wp-content/uploads/2022/06/06-Data-sharing-insmashHitMakingconsent-and-contracts-interpretable-with-knowledge-graphs.pdf.

12. Rasmusen, S. C., Penz, M., Widauer, S., Nako, P., **Kurteva, A**., Roa-Valverde, A., and Fensel, A. (2022). Raising Consent Awareness With Gamification and Knowledge Graphs: An Automotive Use Case. International Journal on Semantic Web and Information Systems (IJSWIS), 18(1), 121. https://www.igi-global.com/gateway/article/300820.

13. Chhetri, T. R., **Kurteva, A**., Adigun, J. G., and Fensel, A. (2022). Knowledge Graph Based Hard Drive Failure Prediction. Sensors, 22(3), 985. https://doi.org/10.3390/s22030985.

14. Breitfuss, A., Errou, K., **Kurteva, A.,** and Fensel, A. (2021). Representing Emotions with Knowledge Graphs for Movie Recommendations. Future Generation Computer Systems, 125, 715-725. https://www.sciencedirect.com/science/article/abs/pii/S0167739X21001953.

15. Bless, C., Dötlinger, L., Kaltschmid, M., Reiter, M., **Kurteva, A**., Roa-Valverde, A. J., and Fensel, A. (2021). Raising Awareness of Data Sharing Consent Through Knowledge Graph Visualisation. In SEMANTiCS, Further with Knowledge Graphs (pp. 44-57). IOS Press. https://ebooks.iospress.nl/volumearticle/57405.

16. **Kurteva, A.** (2021). Implementing Informed Consent with Knowledge Graphs, In Extended Semantic Web Conference (ESWC), pp. 155-164. Springer, Cham. https://link.springer.com/chapter/10.1007/978-3-030-80418-3_28.

17. **Kurteva, A.**, and Ribaupierre, H. D. (2021). Interface to Query and Visualise Definitions from a Knowledge Base. In International Conference on Web Engineering (ICWE), pp. 3-10. Springer, Cham.
https://link.springer.com/chapter/10.1007/978-3-030-74296-6_1.

18. Turner, L., **Kurteva, A**., Bellamy, R., Giammanco, C., Williams, G. R., Whitaker, R., Morris, R., Colombo, W.G. (2018). Understanding Intolerance, Conviction and Extremism: Interpreting an Evolutionary Model. Distributed Analytics and Information Science International Technology Alliance Annual Fall Meeting, Department of Informatics, Cardiff Univeristy, Available at https://www.researchgate.net/publication/343691135_Understanding_intolerance_conviction_and_extremism_interpreting_an_evolutionary_model.

PRESENTATIONS:

1. **Kurteva, A.** (2024). Towards Trustworthy AI with Knowledge Graphs, Research Center for Trustworthy AI and Data Science, Ruhr University Bochum. Available at https://www.researchgate.net/publication/381708568_Towards_Trustworthy_AI_with_Knowledge_Graphs_A_Data-Centric_Perspective

2. **Kurteva, A.** (2024). How to lower the Footprint of ICT? From Research to Practice with Knowledge Graphs and AI, Amsterdam Metropolitan Solutions (AMS) Scientific Conference, Available at https://www.ams-institute.org/events/ams-scientific-conference-reinventing-the-city/.

3. **Kurteva, A.** (2024). Knowledge Graphs for More Sustainable ICT: A Digital Product Passport Case, Wageningen Data Competence Center Meet Up on Sustainability, Data sharing and Knowledge Graphs, Available at https://www.researchgate.net/publication/379154609_Knowledge_Graphs_for_More_Sustainable_ICT_A_Digital_Product_Passport_Case

4. **Kurteva, A.** (October 2023). Knowledge Graphs for the Circular Economy, ML and AI Track at Neo4j NODES 2023 (online). Available at https://www.researchgate.net/publication/374998414_What_can_Knowledge_Graphs_do_for_the_Circular_Economy

5. **Kurteva, A.** (2023). Towards FAIR ICT Data Sharing in the Circular Economy with Knowledge Graphs. ICT Open. Dutch Research Council (NWO). Available at https://www.researchgate.net/publication/370106721_Towards_FAIR_ICT_Data_Sharing_in_the_Circular_Economy_with_Knowledge_Graphs.

6. **Kurteva, A.** (2023). Building FAIR Digital Product Passports for ICT. Circular Industries Talks. Available at https://www.centre-for-sustainability.nl/news/digital-product-passportswithtoberhauser-circularise-b-rukanova-y-tan-j-ubacht-and-a.

7. **Kurteva, A.** (2022). Leveraging Knowledge Graphs for GDPR Compliance: Smart Cities and Insurance Use Cases. International Symposium on Compliance for Algorithmic Law (SCALGO). Available at https://www.researchgate.net/publication/365946639_Leveraging_Knowledge_Graphs_for_GDPR_Compliance_Smart_Cities_and_Insurance_Use_Cases_SCALGO_2022_FFJAir_Liquide_Workshop.

8. **Kurteva, A.** (2021). Implementing Informed Consent with Knowledge Graphs. European Semantic Web Conference (ESWC). Available at https://www.researchgate.net/publication/355043419_Implementing_Informed_Consent_with_Knowledge_Graphs_ESWC21_PhD_Symposium.

9. **Kurteva, A.** (2020). Representing and Managing Informed User Consent with Knowledge Graphs. Neo4j NODES. Available at https://www.researchgate.net/publication/358891345_Representing_and_Managing_Informed_User_Consent_with_Knowledge_Graphs_-_Neo4j_NODES_2020?channel=doi&linkId=621b4ba3b1bace00839f8f39&showFulltext=true.

PROJECTS:

ML Commons – Croissant Responsible Artificial Intelligence (RAI) (Sep 2024 - Aug 2025)
Responsibilities: Leading the extension of Croissant RAI for legal compliance; establishing collaboration(s) with external universities on the extension; supporting the development of the other RAI use cases; dissemination activities; scientific paper publication.

Wikidata Gaps (Sep 2024 – Aug 2025)
Responsibilities: Co-organising a workshop on identifying gaps in Wikidata with Wikidata editors; collaborating on scientific paper publication; providing technical AI and knowledge graph guidance to a PhD student; scientific paper publication.

Trustworthy Knowledge Graphs (Sep 2024 – Aug 2025)
Responsibilities: Providing technical and research guidance to a researcher for the development of trusted retrieval augmented generation (RAG) with LLMs and knowledge graphs.

CIRPASS 2 (June 2024 - Sep 2024)
Responsibilities: Leading expert on data sharing with ontologies in compliance with the GDPR; AI support to project partners. My research facilitated the collaboration between faculties and led to the funding of this project by the EU.

Circular Resource Planning for IT (RePlanIT) (Sep 2022 - Aug 2024)
Responsibilities: Led researcher on FAIR data sharing for the Circular Economy; building digital product passports of ICT with ontologies and knowledge graphs; led research on knowledge-garaph-based predictive maintenance; project work package leader and manager; scientific communication and dissemination of results; master student supervision; teaching and grading.

Smart Dispatcher for Secure and Controlled Sharing of Distributed Personal and Industrial Data (smashHit) Horizon 2020 EU Project (Jan 2020 - Aug 2022)
Responsibilities: Research on the use of semantic web technologies for automated GDPR compliance; building ontologies and knowledge graphs for consent and contracts; project dissemination and communication; master student supervision; paper writing and reviewing.

CampaNeo FFG (Nov 2019 - Aug 2022)
Responsibilities: Research on the use of semantic web technologies for GDPR compliance; building ontologies and knowledge graphs for consent and contracts; designing and prototyping data sharing

User Interface (UI) with gamification elements for behavioural change; master student supervision; paper writing and reviewing.

Evolution of Complex Adaptive Human Systems (Jun 2018 - Sep 2018)

Responsibilities: Research on Linked Data visualisation and human-computer interaction for understanding how humans interact with web agents.

TEACHING AND COACHING

Data course at Industrial Design Engineering, Delft University of Technology, The Netherlands
- Tutor for 2nd-year BSc students for the modules: *Data Ecologies, Data Modelling, Data Collection, Data Responsibility, Data Visualisation, Data Interaction and Data Analytics.*
- Organising interactive sessions on the topics for both computer science and design students
- Assigning weekly coursework and its grading
- Coordination of the course's topics weekly with a team of tutors
- Exam preparation; grading and results alignment

STUDENT SUPERVISION

(PhD THESIS)

1. Zhao, Y. (co-supervised during 2024-2025), Developing large language models (LLMs) in collaboration with human-computer interaction (HCI) techniques to support ontology requirements engineering (ORE), Distributed Artificial Intelligence Group, Department of Informatics, King's College London, The UK
   Co-supervised with Prof. Elena Simperl

2. Obretincheva, N. (co-supervised during 2024-2025), Combining LLMs and knowledge graphs for better entity typing on Wikipedia, Distributed Artificial Intelligence Group, Department of Informatics, King's College London, The UK
   Co-supervised with Prof. Elena Simperl

3. Das, A. (co-supervised during 2024-2025), Enhancing LLMs with knowledge graphs to improve telecommunication services, Distributed Artificial Intelligence Group, Department of Informatics, King's College London, The UK
   Co-supervised with Prof. Elena Simperl

(MASTER THESIS)

1. Shang, J. (2023), Visualisations as a Tool to Enhance the Transparency of ICT Data Sharing in the Circular Economy, Delft University of Technology, The Netherlands, Available at https://repository.tudelft.nl/islandora/object/uuid:606505c2-dfac4b30aaf2ce6e82884fc2.
   Co-supervised with Prof. Alessandro Bozzon

2. Rasmusen, S. C. (2021-2022). Increasing Trust and Engagement in the Age of GDPR: A Digital Contracting Application supported by Knowledge Graphs. Department of Computer Science, University of Innsbruck, Austria, Available at https://bibsearch.uibk.ac.at/AC16726658.
   Co-supervised with Prof. Anna Fensel

CURRICULUM VITAE – ANELIA KURTEVA

(OTHER)

Lisa Gan (co-supervised during 2024-2025), Enhancing Retrieval Augmented Generation (RAG) and LLMs with knowledge graphs to improve information retrieval from data portals in the UK, Distributed Artificial Intelligence Group, Department of Informatics, King's College London, The UK
Co-supervised with Prof. Elena Simperl

PROJECT FUNDING

1. Providing inputs for an **Engineering and Physical Sciences Research Council (EPSRC)** project proposal at the Department of Informatics, King's College London, The UK in collaboration with the University of Cambridge and University of Stafford
   Funding goal: >1 million pounds

2. Co-leading a proposal for **Circle-U European University Alliance** seed funding.
   Funding goal: 10 000 euros

3. Developing a project proposal for a personal grant under the Marie Skłodowska-Curie Actions 2023.

   The proposal scored 86% and received minor revision comments. Despite not winning the bid, a conference workshop paper reflecting on part of the proposal was published in 2024.
   Funding goal: 250 000 pounds

4. Enabling cross-faculty collaboration within TU Delft that led to a follow-up project (funded under EU Digital-Simple Action) (2023).
   o *Funding goal: 50 000 euros*

AWARDS AND GRANTS

1. German Academic Exchange Service (DAAD) Postdoctoral Fellowship in Safety and Security in AI (2024)
   - I acquired funding (1 000 euros) for a 1-week research visit to the Center for Trustworthy AI at Ruhr University Bochum where I gave a seminar on data-centric and trustworthy AI with knowledge graphs
2. European Forum Alpbach Selected Attendee (2020) (800 euros attendance grant)
3. 1st Place in High School Web Site Competition (2014)
4. Selected Comenius Project attendee for student exchange within the EU (2014)

WORKSHOP ORGANISATION

1. Co-organising a workshop with Wikidata editors to help identify gaps in Wikidata's content (2024).
2. Support in organising workshops with academia, industry and government representatives in the Netherlands (2023) on AI for sustainability.
   a. Workshop on understanding industry requirements for the software implementation of digital product passports of ICT (in person, 10 participants from which 4 from the Dutch government and 4 from industry)

  b. Workshop on operationalising semantics and AI for sustainability (online, more than 20 participants from various organisations in the Netherlands)

SCIENTIFIC INVOLVEMENT

1. **OC and PC chair** (Poster & Demo Track) for the SEMANTiCs (2024) conference
2. PC member for the 3rd Intelligent Systems for Digital Era (ISDE) track at the 40th ACM/SIGAPP Symposium on Applied Computing (2025)
3. PC member for NeXt-generation Data Governance workshop at SEMANTiCs (2024) conference
4. PC member for ACM Conference on Hypertext and Social Media (HT24) (2024)
5. PC member for the Research and Innovation Track (ESWC) (2024)
6. PC member for the Knowledge Graph Construction Workshop (ESWC) (2023, 2024)
7. PC member (PhD Symposium) for the International Conference on Web Engineering (ICWE)(2023)
8. PC member for the International Joint Conference on Rules and Reasoning (RuleML) (2023, 2024)
9. PC member (Poster & Demo Track) for the SEMANTiCs (2022) conference
10. PC member for the International Conference on Business Intelligence and Information Technology (BIIT) (2022)
11. Conference organising committee member for the International Conference on Human-Computer Interaction (INTERACT) (2021)

REVIEWER ROLES

1. Knowledge-Based Systems (IF 8.8)
2. Semantic Web journal (IF 3.1)
3. The Web Conference (2020, 2021) (A*)
4. Information (IF 3.1)
5. Sensors (IF 3.9)
6. The Review of Socionetwork Strategies
7. International Journal on Semantic Web Information Systems (IJSWIS) (IF 4.1)
8. Extended Semantic Web Conference (ESWC) (2022, 2023, 2024) (A)
9. SEMANTiCs conference (2021-2024) (B)
10. 24th International Conference on Knowledge Engineering and Knowledge Management (B)

WORKING GROUPS PARTICIPATION

1. **W3C Consent Community Group**
   - I was part of the members establishing the working group
   - Joining working group meetings and disseminating results
2. **Privacy Community Group**
   - Joining working group meetings and disseminating results
   - Networking and keeping up to date with the latest developments
3. **Data Privacy Vocabularies (DPV) and Controls Community Group**
   - Provided inputs on reusing the developed by colleagues and I smashHitCore ontology
   - DPV now reuses smashHitCore
4. **Knowledge Graphs Interest Group at The Alan Turing Institute**
   - Networking and keeping up to date with the latest developments

5. **The Data Management Association (DAMA) United Kingdom**
   - I was supervised by Nigel Turner while working as an intern at Cardiff University
   - Joined the group shortly after to network and keep up to date with the latest developments in the UK
6. **Croissant and Croissant RAI**
   - Leading the work on the regulatory compliance use case
   - Facilitate collaboration with experts from other universities

ONLINE NEWSLETTERS AND BLOGS:

1. **Kurteva, A.**, Fensel, A. (2021). Enabling Interpretability in Smart Cities with Knowledge Graphs: Towards a Better Modelling of Consent. IEEE Smart Cities. Available at https://smartcities.ieee.org/newsletter/june-2021/enabling-interpretability-in-smartcitieswithknowledge-graphs-towards-a-better-modelling-of-consent.

2. Fensel, A., **Kurteva, A.** (2020). Towards a Better Modelling of Consent. Österreichische Computer Gesellschaft (OCG) Journal. Available at https://www.ocg.at/sites/ocg.at/files/medien/pdfs/OCG-Journal20-1-2.pdf.

LICENCES AND CERTIFICATION

1. Artificial Intelligence Data Fairness and Bias (Learn Quest), Available at https://www.coursera.org/account/accomplishments/certificate/MVYRSX975CM9.

2. Information Visualisation (New York University), Available at https://www.coursera.org/account/accomplishments/certificate/6PNES7R67ERU.

3. Design Thinking for Innovation (University of Virginia).

4. Neo4j Certified Professional (Neo4j), Available at https://graphacademy.neo4j.com/certificates/a7fcb9ef4662843b52e57121f5eb74190d49b347ec1e723 0ab61ade19a969382.pdf.

5. Generative AI in Education (University of Glasgow), Available at https://www.coursera.org/learn/generative-ai-in-education

   - Engage in uses of Generative AI and discussion on the impact it could have on the learning experience of all learners

   - Understand ethical considerations in using generative AI in education

6. Cambridge Advanced English (CAE) (Cambridge University Press & Assessment English).

7. Cambridge First Certificate in English (FCE) (Cambridge University Press & Assessment English).

8. Dutch University Teaching Qualification (UTQ/BKO) Module Supervise (2023), Awarded by TU Delft