

# JOHANNES KRUSE

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**Summary:** I specialize in machine learning, natural language processing, and recommender systems. My academic pursuits, coupled with my active participation in volunteer projects and professional roles, have cultivated my skills in strategic planning, proactive problem-solving, and efficiently structuring complex tasks. I am a disciplined learner who thrives on being challenged and seeks opportunities to continuously expand my competencies.

## PUBLICATIONS

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- **Johannes Kruse**, Kasper Lindskow, Saikishore Kalloori, Marco Polignano, Claudio Pomo, Abhishek Srivastava, Anshuk Uppal, Michael Riis Andersen, and Jes Frellsen. 2024. *EB-NeRD A Large-Scale Dataset for News Recommendation*. In Proceedings of the 18th ACM Conference on Recommender Systems (**RecSys '24**). (**Accepted**)
- **Johannes Kruse**, Kasper Lindskow, Saikishore Kalloori, Marco Polignano, Claudio Pomo, Abhishek Srivastava, Anshuk Uppal, Michael Riis Andersen, and Jes Frellsen. 2024. *RecSys Challenge 2024: Balancing Accuracy and Editorial Values in News Recommendations*. In Proceedings of the 18th ACM Conference on Recommender Systems (**RecSys '24**). (**Accepted**)
- Árni Már Einarsson, Elisabetta Petrucci, Jannie Møller Hartley, and **Johannes Kruse**. 2024. *"I must have clicked on something" - Users' Experiences and Evaluations of Personalized News Recommender Systems*. Journalism Practice. (**Accepted**)
- **Johannes Kruse**, Kasper Lindskow, Michael Riis Andersen, and Jes Frellsen. 2023. *Creating the next generation of news experience on ekstrabladet.dk with recommender systems*. In Proceedings of the 17th ACM Conference on Recommender Systems (**RecSys '23**). <https://doi.org/10.1145/3604915.3610248>
- Sanne Vrijenhoek, Lien Michiels, **Johannes Kruse**, Alain Starke, Jordi Viader Guerrero, and Nava Tintarev. 2023. *Report on NORMalize: The First Workshop on the Normative Design and Evaluation of Recommender Systems*. In Proceedings of CEUR Workshop Proceedings (**CEUR-WS.org**). <https://ceur-ws.org/Vol-3639/>
- **Johannes Kruse** and Lars Kai Hansen. 2019. *Det Etiske Råd – Redegørelse om sundhedswearables og big data*. pp. 116–141. <https://www.ft.dk/samling/20191/almdel/UER/bilag/2/2095890/index.htm>

## WORKSHOPS, TUTORIALS, DEMOS & OTHERS

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- **Johannes Kruse**, Kasper Lindskow, Anshuk Uppal, Michael Riis Andersen, and Jes Frellsen. 2024. *RecSys Challenge 2024: Balancing Accuracy and Editorial Values in News Recommendations*. (**Accepted**)
- Alain Starke, Sanne Vrijenhoek, Lien Michiels, **Johannes Kruse**, and Nava Tintarev. 2024. *NORMALize 2024: The Second Workshop on Normative Design and Evaluation of Recommender Systems*. In Proceedings of the 18th ACM Conference on Recommender Systems (RecSys '24). <https://doi.org/10.1145/3640457.3687103>
- **Johannes Kruse**, Lien Michiels, Alain Starke, Nava Tintarev, and Sanne Vrijenhoek. 2024. *NORMALize: A Tutorial on the Normative Design and Evaluation of Information Access Systems*. In Proceedings of the 2024 Conference on Human Information Interaction and Retrieval (CHIIR '24). <https://doi.org/10.1145/3627508.3638319>
- Sanne Vrijenhoek, Lien Michiels, **Johannes Kruse**, Alain Starke, Jordi Viader Guerrero, and Nava Tintarev. 2023. *NORMALize: The First Workshop on Normative Design and Evaluation of Recommender Systems*. In Proceedings of the 17th ACM Conference on Recommender Systems (RecSys '23). <https://doi.org/10.1145/3604915.3608757>

## STUDENTS

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- Zhijian Feng, 2023, Technical University of Denmark & Ekstra Bladet  
MSc thesis: *Using Image Information in Deep Learning-Based Recommender Systems for News*
- Magnus Waldemar Hoff Harder & Nikolaj Bach Meineche, 2023, Technical University of Denmark & Ekstra Bladet  
BSc thesis: *Transformer-based News Recommendations: Leveraging User Click-History with Deep Learning*



