

Kristin Kaltenhäuser

PHD FELLOW

Department of Computer Science, University of Copenhagen

☎ +45 93565015 | ✉ krka@di.ku.dk | 📄 github.com/KristinKalt | 🔗 linkedin.com/in/kkalt/

Summary

I am a PhD student at the Department of Computer Science, University of Copenhagen in the Software, Data, People and Society research section (SDPS). Here I am also part of the Confronting Data Co-lab. My research is at the intersection of machine learning (ML), computer-supported cooperative work (CSCW) and human-computer interaction (HCI). I'm interested in exploring new and interdisciplinary methods to draw meaning from quantitative data and use statistical and ML tools in creative ways to study real-life phenomena and concepts. I have a MSc in Software Design, a MA in Intercultural Communication and Gender Studies and a BA in Media and Culture Studies. Additionally, I have several years of diverse work experience. I worked as a diversity analyst at CERN. During work at Ørsted, a wind energy company in Denmark, I worked as a data scientist and model engineer, building machine learning models to predict failures in large machinery. My interest lies with exploring new and interdisciplinary methods to draw meaning from data and integrating human values into data science practice, driving the agenda of human-centred data science and data feminism. Using participatory and data science methods, my PhD project is about grounded sensemaking of data in asylum decision-making in the Nordic countries, drawing on the experience of scholars, practitioners and policy-makers.

PhD Project

Working Title: **Destabilising Data in Nordic Asylum Decision-Making**

Supervisors: **Naja Holten Møller, Tijs Slaats** (Department of Computer Science, University of Copenhagen)

Research Project: **Nordic Refugee Determination: Advancing Data Science in Migration Law (NordASIL)**

Timeframe: **February 2022 - January 2025**

Education

Master of Science, Software Development

Copenhagen, Denmark

IT UNIVERSITY

2016 - 2018

- Specialisation: Algorithm Design & Machine Learning
- Thesis: Uncovering Abuse on Social Media - A Multi-task Learning Approach to Automated Text Classification

Master of Arts, Intercultural Communication Studies

Frankfurt/Oder, Germany

EUROPEAN UNIVERSITY VIADRINA

2012 - 2016

- Specialisation: Gender Studies and International Management

Bachelor of Arts, Medienkultur (Media and Culture Studies)

Weimar, Germany

BAUHAUS UNIVERSITY

2008 - 2012

- Specialisation: Media economics, Media and Art Theory

Professional Experience

Model Engineer

Copenhagen, Denmark

ØRSTED

Sept 2020 - Jan 2022

- Developing advanced analytics and machine learning models for the monitoring of Ørsted's power plants to predict component failures (predictive maintenance)
- Designing and developing an analytics app in close collaboration with maintenance technicians to ensure adaptation of machine learning models in plant maintenance operations

IT Trainee

Copenhagen, Denmark

ØRSTED

Sept 2016 - Aug 2018

- Project work in three different areas of the Ørsted IT Department: Security Analytics, Advanced Analytics, Scrum Master.

Diversity Analyst

CERN

Geneva, Switzerland

Sept 2014 - Aug 2016

- Diversity Policy analysis and implementation: Research and report on best practices in diversity management in multi-cultural environments, mainstreaming diversity principles in organizational processes
- Internal and external communication: Event organization (workshops, trainings and conferences) and presentations e.g. designing gender inclusive teaching material together with the CERN High School Teacher Programme

Publications

PUBLISHED

Kristin Kaltenhäuser, Tijs Slaats, Thomas Gammeltoft-Hansen, Naja Holten Møller. 2022. *Deconstructing Gender in Asylum Categories: An Archival Perspective on a Practice with Limited Access*. Proceedings of the 20th European Conference on Computer-Supported Cooperative Work: The International Venue on Practice-centred Computing on the Design of Cooperation Technologies. DOI: 10.48340/ecscw2022_n03

Kristin Kaltenhäuser. 2022. *Destabilising Data in Nordic Asylum Decision-Making*. Doctoral Colloquium. Proceedings of 20th European Conference on Computer-Supported Cooperative Work. DOI: 10.48340/ecscw2022_dc06

Presentations

NeurIPS 2022. *Statelessness in Asylum Data - A Human-Centered Perspective on Outliers*. Presentation of my position paper at the Human-centered AI workshop (HCAI @ NeurIPS22).

Teaching Experience

Fall 2022 **Communication and Computer-Supported Collaboration in Organizations, MA course,**
guest lecture on situated work

Research Service Work

Journal Club coordinator at Confronting Data Co-Lab

Copenhagen, Denmark

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF COPENHAGEN

Feb 2022 - Present

- Journal Club Coordinator
- Co-organizing the PhD course *Confronting Data through Design Methods* in February 2023

BA project coordinator for the BA in Computer Science for the SDPS section

Copenhagen, Denmark

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF COPENHAGEN

June 2022 - Present

- Research presentation of the SDPS section to the students
- Coordinate and match BA thesis projects of the section with students

Volunteering

Teaching Data Analytics

Copenhagen, Denmark

REDI SCHOOL OF DIGITAL INTEGRATION

Jan 2021 - Dec 2021

- Developed the content for a new 12-week intensive course on data analysis with 4 other teachers, including data acquisition, wrangling, visualization and an introduction to statistics and machine learning.
- Executed the course twice, leading around 40 women with a migration background to a successful completion of the course.
- Co-design and facilitation of a workshop on unconscious bias for all teachers and students of ReDi School Copenhagen.
- Presentation on the topic "Why is diversity hard for us?" at the semester-end demo day for all students, teachers and industry supporters.