Kristin Kaltenhäuser

PhD Fellow

Department of Computer Science, University of Copenhagen

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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. I have a BA in Media and Culture Studies, a MSc in Software Design, specialising in data science from the IT University in Copenhagen, Denmark, and an MA in Intercultural Communication and Gender Studies from the European University in Frankfurt/Oder, Germany. Additionally, I have several years of diverse work experience. I worked as a diversity analyst at CERN, Switzerland for two years. During my three years 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. 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 2018 - 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   *Geneva, Switzerland*

CERN   *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

Accepted

Kristin Kaltenhäuser. 2022. *Destabilising Data in Nordic Asylum Decision-Making*. Doctoral Colloquium. ECSCW 2022.

Research Service Work

Development and facilitation of day-to-day lab activities at Confronting Data Co-Lab   *Copenhagen, Denmark*

Department of Computer Science, University of Copenhagen   *Feb 2022 - Present*

- Organizing lab activities
- Co-organizing the PhD course *Confronting Data through Design Methods* in fall 2022

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.