

# HENRIK KORSGAARD

Expert **User Experience researcher** with a **user-centered** mindset, and **data visualization** and **software engineering** skills.



## Professional profile

I am a user experience researcher and interaction designer at heart. I have been involved in multiple international and national projects spanning Open Data, Smart Cities, Internet of Things, data visualization, collaborative- and community technologies and much more. I combine ethnographic approaches, with user-centered design methods, and experimental prototyping. I have developed design methods for ideation with data, multiple research prototypes, and combined qualitative and quantitative data analysis to understand how people collaborate. Currently, I supervise five projects looking into designing data-driven interfaces for citizens and journalists.

I have strong analytical skills, coupled with a curious mindset and a commitment to contribute to the projects I am engaged in. I do my best work in the intersection between design research, interaction design and software engineering, as part of a team effort. I can contribute in all stages of the design process, from early ideas and research, over identifying and planning features and sprints, to development, evaluation and release.

As a communicator, I have experience within scientific communication, technical writing and documentation, public speaking, facilitation and education on high level. In the last five years, I have supervised more than 50 teams in developing interactive products and software, including bachelor's and master's theses within interaction design and user experience.

I am driven by a desire to consistently challenge and develop my skills. I look forward to joining a strong team with a shared vision, where I can contribute to building better software and services.

## Selected Projects

### Digital Energy Hub

2022 – 2023

Project representative from the Department of Computer Science in the national project Digital Energy Hub. My role is to identify key areas where research can inspire and support the project co-creation workshops.

### Participatory Data Science

2020 – 2023

Lead researcher coordinating activities exploring co-design and stakeholder engagement in developing data-driven applications. We investigate process- and ideation tools through research and projects within data journalism, visualizing energy data, contextual design, etc.

## Most proud of

- PhD in Computer Science
- Best Paper Award CSCW
- Cabinet maker's Bronze medal
- My amazing family

## Personal Information

- 10. March 1979
- Hjortshøj, Aarhus
- +45 22 37 71 14
- korsgaard@protonmail.com
- henrikkorsgaard.dk
- LinkedIn

## Expertise overview

**Design research:** ●●●●●  
Ethnography, contextual design, user involvement, business development and organisational studies

**Design process:** ●●●●●  
Workshop facilitation and design sprints, user journey/flow mapping, user stories, UX/Usability, prototyping, evaluation

**Software engineering:** ●●●●●  
Domain-driven design, TDD, software architecture, agile processes (SCRUM/XP), and development (Golang, Nodejs, Java, Python)

**Project management:** ●●●●●  
Business development, planning and strategy, team lead and coaching, stakeholder management and organisational implementation

**Communication:** ●●●●●  
Design and technical documentation, dissemination and public speaking (education, talks, training), scientific communication

## Languages

Danish (native) ●●●●●  
English (fluent) ●●●●●

### Data-driven Foodbank

2017 – 2018

Project coordinator in a collaboration between our research group and a Danish Foodbank NGO. I coordinated and conducted contextual research, facilitated workshops, and developed design concepts on how to integrate data from the NGO into their public dissemination, impact analysis to partner organizations, and visualizations for their warehouse logistics.

### Drive Now - iOS App

2012 – 2013

Designer and lead developer on iOS App providing commute time recommendations based on real-time traffic data from an IoT network. Workshop facilitation and design meetings with project partners and IoT service vendor. I developed the iOS application and data analytics, and completed the App Store release.

### City Bug Report

2012 – 2013

Design lead on the conceptual and visual design of a media facade installation on the city hall tower in Aarhus. The installation was part of the Media Architecture Biennale 2012 hosted in Aarhus. The installation showed an animated data visualization of public communication between citizens and the municipality.

### Smart Aarhus

2011 – 2012

Member of the Smart Aarhus secretariat and the Open Data Workgroup. I helped develop the Aarhus Smart City strategy together with the city, region, and Aarhus University. This included facilitating workshops, preparing steering group meetings, public speaking, and communication.

## Selected publications

### What's the Situation with Situated Visualization? [\[Link\]](#)

Data visualizations are ubiquitous in our everyday lives. Yet, the interplay between the data visualization and the context wherein they are situated has received very little attention. The publication draws attention to the importance of integrating the physical environment, time, people, and activities into designing situated visualizations.

### Sketching and Ideation Activities for Situated Visualization Design [\[Link\]](#)

When data is everywhere, it makes sense to bring the ideation workshop to where the data is generated or where a visualization would be useful. In this paper, we explore different workshop formats and approaches to sketching data visualizations together with domain experts and end-users within the context of their everyday activities.

### Territorial Functioning in Collaborative Writing [\[Link\]](#)

We know a lot about how people collaborate and the user experience of writing together. But we have very little data to support these experiences. In this study, we combine qualitative interviews with co-authors, with quantitative analysis of hundreds of thousands of Google Document revisions. We use custom-developed data visualizations to show the correlation between the user experience and the document data.

## Employment

Assistant Professor, Department of Computer Science, Aarhus University (AU)  
Current

PostDoc, Department of Computer Science, AU  
2017 – 2020

PhD, Department of Computer Science, AU  
2013 – 2017

Project assistant AU Smart Cities  
2011 – 2013

External lecturer, Information Studies, AU  
2012

Teaching assistant, Information Studies, AU  
2010 – 2012

Cabinet maker, Aarhus  
2004 – 2007

## Additional positions

Steering Committee Officer EUSSET  
2020 – 2023

Conference chair (LBW): NordiCHI  
2021 – 2022

Organising Committee: Participatory Design Conference 2015 – 2016

Danish Smart City network  
2012 – 2013

Aarhus Open Data work group  
2011 – 2013

Smart Aarhus secretariat  
2011 – 2013

## Education

Phd, Department of Computer Science, Aarhus University (AU)  
2017

MSc, Information Technology, Information Studies (AU)  
2013

Cabinet maker, Brdr. Andersens Møbelsnedkeri  
2004