

# SØREN ORM HANSEN

Data Scientist | <https://sorenorm.github.io/>

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## EDUCATION

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**Social Data Science, MSc.**, University of Copenhagen Sep 2022 - Oct 2024

Acquired a comprehensive technical understanding of advanced statistics, econometrics, NLP techniques, deep learning architectures for text, video, and audio, and how to apply these tools to gain knowledge about our society. I learned mixed-methods design, digital methods, data law (GDPR and the EU AI Act), and ethics.

**Exchange semester**, St Andrews University Sep 2023 - Dec 2023

Gained valuable insights into the opportunities and challenges of emerging technologies within the field of health data science, and enhanced my programming and statistical modeling skills.

**Cognitive Science and Mathematics, BSc**, Aarhus University Sep 2019 - Jun 2021

Applied data science methods to the study of human behaviour, decision-making, cognition, and social complexity. Gained expertise in statistical analysis, Bayesian statistics, data visualisation, and machine learning. I also worked with advanced research methods such as mouse and eye tracking, brain scanning (EEG and fMRI), and agent-based modeling.

## SKILL SET

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- Effective Communication
- GDPR
- Data Management
- Cross-Disciplinary Collaboration
- Advanced Statistics
- Data Visualisation
- Web Scraping
- EEG and fMRI
- Machine Learning
- Deep Learning
- NLP
- Computer Vision
- Agent Based Modeling
- Social Network Analysis
- Digital Methods
- Data Ethics

**Programming Languages:** R, python, Java, JavaScript, HTML

## PROFESSIONAL EXPERIENCE

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**Data Analyst**, Systematic A/S Mar 2021 - Sep 2022

- Created statistical process-performance models informing business decisions and reported insights for various audiences.
- Developed educational material (videos and process guides) clarifying internal procedures.
- Ensured high-quality data collection from in-house projects.

**Treasurer**, Cognitive Science Association Dec 2020 - Jun 2022

- Co-led a team of 20 volunteers.
- Organized educational and social events biweekly for 200+ guests.
- Played a central role in stabilizing the organization during the post-COVID recovery period.

## EXTRA-CURRICULAR ACTIVITIES

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- St Andrews AI Safety Fellowship** 2024  
10-week course investigating AI risks, regulatory challenges, and long-term impact.
- Data Science Volunteer** 2024  
Consulted in the development of a vision transformer for key-point tracking, assisted with computational analysis of experiments, and configured and maintained GPUs in the Allodi laboratory at St Andrews University.
- Presenter at St Leonard's Postgraduate Collage Lecture Series** 2023  
Invited to present my research on parliamentary representation using ParlaMint2.1.
- Research Volunteer: ALAN** 2023  
Collaborated on the development of a test battery to evaluate ALAN, a medical AI agent designed to support healthcare workers in low- and middle-income countries.
- Private Tutor** 2022-2024  
Assisted with data visualization and statistics on multiple bachelor's dissertations in diverse fields such as audiology and neuroscience.
- Publication** 2020  
Improved a Danish sentiment analysis tool, Sentida, ([see paper](#)).
- Madagascar Research and Conservation Institute** 2018  
Community development volunteer, working on various projects including building a clinic for a local doctor.
- Save the Children Youth** 2018-2019  
Volunteer, helping refugee children get to know their new hometown.