

For an updated publication list, project repositories, and additional information, visit my research profile at: mlt94.github.io.

Projects

During the autumn of 2025, I will be working with leading researchers in Berlin on computational modeling of non-verbal synchrony in psychotherapy using openTSLM.

Core thoughts

- What prevents the mental health field from fully benefiting from the bitter lesson? Are there foundational barriers beyond limited data access?
- How are vast quantities of time-series data best combined with text to enable inference on user mental state and wellbeing?
- How should a foundational model for psychotherapy be built, and to what extent should theoretical insights from psychology guide its development?

PERSONAL

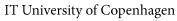
- Certified Yoga and Meditation teacher
- Happy father to Alfred born October 2024
- PHONE +45 20951576
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MARTIN LUND TRINHAMMER

PROFILE

As a psychologist pursuing a PhD in machine learning, my passion lies in applying data-driven learning methods to address core problems in mental health research and psychotherapy. My doctoral work focuses on developing multi-modal models for psychotherapy and diagnostics, notably integrating non-verbal behaviors with text and speech. While my research is deeply inter-disciplinary, my primary aim is to advance robust computational approaches that push the boundaries of how psychological theory and machine learning can inform one another.

WORK & EDUCATION



PhD student // October 2023-present

- Researching multi-modal machine-learning for mental healthcare
- Funded by the Pioneer Centre for Artificial Intelligence
- Affiliated with the audio-visual computing group led by professor Sami S. Brandt

Capgemini Invent Denmark

Management Consultant // March 2022-September 2023

- Data, cloud and machine-learning projects for life science companies
- Part of the Nordic Data & AI capability
- Exposure to diverse projects, from business to IT and emerging technologies

People Test Systems

Intern // August 2021–December 2021

- Building custom machine-learning applications for People Test Systems
- Combining machine-learning models with psychomtry
- Navigating highly interdisciplinary environments
- Bringing monetizable value from machine-learning projects to clients

Master of Science, Psychology, University of Copenhagen Education // September 2019-January 2022 // GPA: 10.3/12

- Specialization in clinical- and health psychology
- Strong training in psychotherapy theory and methods
- Deep exposure to ethical and moral problems

The Rockwool Foundation

Student Research Assistant // March 2020-August 2021

- Researching the association between downsizing Danish psychiatric hospitals and the corresponding increase in use of court-ordered psychiatric treatment
- Bringing insights from mental health to inspire new directions for econometrics

Department of Psychology, University of Copenhagen

Student Counselor // February 2018-August 2020

- Developing and implementing initiatives to increase well-being and retention among student body
- More than 250 hours of counselling/therapy experience
- Presentations and facilitation for audiences ranging from 20-400 people

Bachelor of Science, Psychology, University of Copenhagen Education // September 2016-June 2019 // GPA 10.8/12