



MARTIN LUND TRINHAMMER

PROFILE

My passion is the intersection of psychology and artificial intelligence research, currently working towards advancing diagnostics and treatment in mental healthcare.

Visit mlt94.github.io

Projects

- Social Semi-Supervised Learning: individuals constantly label their own internal state with their non-verbal behavior. My next project relates to learning these patterns unsupervised during psychotherapy

Ideas for 2025

- How to formulate a behavioral or psychological inverse problem from a ML perspective: are purely data-driven methods sufficient?
- Exploring the framework of Active Inference as a foundational approach to inductive bias in new ML architectures

PERSONAL

- Certified Yoga and Meditation teacher
- Happy father to Alfred born October 2024
- PHONE
+45 20951576
- EMAIL
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WORK & EDUCATION

IT University of Copenhagen

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
- Significant driver of interdisciplinary research in Denmark

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 and main driver of XR/Metaverse in DK
- Exposure 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 psychometry
- Navigating highly interdisciplinary environments
- Bringing monetizable value from machine-learning projects to industry

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 economics

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