

Manthan Gadhia

Contact

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Zürich, Switzerland

AI researcher

MSc student with an interdisciplinary training in the theoretical fundamentals and practical considerations of human-centred ML and data science applications. Focused on AI's impacts and potential on work and education. Interested in language-processing.

Education

ETH ZÜRICH, CH
MSc, Science,
Technology, and Policy
(CS focus)
2026 (expected)

RADBOD UNIVERSITY, NL
BSc, Artificial
Intelligence
2023

Skills

ML: PyTorch, River,
HuggingFace,
Accelerate, CUDA, CI/CD
LLM Training: SFT, PPO,

Relevant Coursework

NLP (BSc)
Deep Learning (BSc)
Advanced ML (MSc)
Interactive ML (MSc)
LLMs for Law (MSc)
Design in EdTech (MSc)

Experience

MSC THESIS ANALYSING GENDER BIAS IN LLM TRAINING
OCT 2025 – JUN 2026 (expected, publication-track)

Setup end-to-end data pipeline to generate synthetic data from LLMs and evaluate outputs for gender bias in occupational settings at different training stages.

Future tasks: Do RLHF (via PPO) or DPO on Apertus open-models on the Alps supercomputer. [Github \(in-progress\)](#)

AI INTERN UNICRI CENTRE FOR AI AND ROBOTICS
Jan 2023 – Aug 2023

Helped to catalogue, discover, and communicate about new AI tools for security and law enforcement focused on fighting online child abuse through [AI for Safer Children](#).
Built internal software tools to manage platform access and email communication with 100+ participating officers globally.

BSC THESIS BAYESIAN NETWORK EXPLAINABILITY
Feb 2022 - Jul 2022

Designed a computational-level theoretical model for encoding a user's level of domain-expertise. Context: generating explanations for Bayesian Decision Support Systems in a medical diagnostics support use case. [\(Gadhia, 2022\)](#)

PHILGPT RAG
Summer 2025

Scraped transcripts from *PhilosophizeThis!* podcast and build a RAG using sentence-transformers, and Gemma models via API. [\(PhilGPT\)](#)