

Adrian Sauter

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Master's student in Artificial Intelligence at the University of Amsterdam, focused on transparent, aligned, and human-centred AI. I combine industry experience, technical research, interdisciplinary thinking, and clear communication to bridge complex models with accessible insights. My work centres on explainable AI and responsible ML systems that build trust and deliver practical impact.

EDUCATION

Universiteit van Amsterdam

Sep 2023 – Present

M. Sc. in Artificial Intelligence

- GPA: 9.05 (best: 10, worst: 1; grades 8-10 are considered excellent; more information [here](#))
- Relevant Topics: Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Reinforcement Learning, Fairness and Transparency in AI, Game Theory, Interpretability and Explainability in AI, Human-Centered AI.
- **Best project award** in the course “Interpretability and Explainability in AI”.

Eberhard Karls Universität Tübingen

Oct 2019 – July 2023

B. Sc. in Cognitive Science

- GPA: 1.41 (best: 1, worst: 4)
- Relevant Topics: Programming and Machine Learning, Psychology, Calculus and Linear Algebra, Statistics and Probability, Linguistics, Philosophy, Neurobiology.

WORK EXPERIENCE

KPN Amsterdam

Feb 2025 – Aug 2025

Research & Development Intern for XAI

- Researching Explainable AI for Customer Call Classification through Concept-Bottleneck Models using LLMs.

University of Amsterdam

Sep 2024 – Present

Teaching Assistant

- Led tutorials and seminars for graduate courses in Computer Vision 1, NLP 1, and Interpretability and Explainability in AI, instructing and supervising 30-200 students. Graded assignments and exams, devised exam questions, supervised projects.

ELLIS Unit Amsterdam

Apr 2024 – Aug 2024

Project Assistant

- Contributed to the planning and communication of projects that are supported and organized by ELLIS, created content on AI and the ELLIS Unit Amsterdam.

Neuro-Cognitive Modeling Group, Universität Tübingen

Mar 2023 – Aug 2023

Research Assistant

- Set up online psychological experiments, provided technical consultancy for professors associated with the lab, graded assignments of the Cognitive Modelling graduate course.

Leibniz-Institute for Knowledge Media Research, Tübingen

Dec 2021 – Oct 2022

Research Assistant

- Supervised in-person psychological experiments and helped analyzing the obtained data.

PUBLICATIONS / PREPRINTS

- **Sauter, A.**, Pemmasani Prabakaran, R.S., Milić, M., & Ott, R. (2024). “Studying How to Efficiently and Effectively Guide Models with Explanations” - A Reproducibility Study. **Transactions on Machine Learning Research**.
- Traub, M., Becker, F., **Sauter, A.**, Otte, S., & Butz, M. (2024). Loci-segmented: improving scene segmentation learning. In **International Conference on Artificial Neural Networks** (pp. 45–61).
- **Sauter, A.**, Zuidema, W., & Kloots, M. D. H. (2025). The Curious Case of Visual Grounding: Different Effects for Speech-and Text-based Language Encoders. arXiv preprint arXiv:2509.15837. Submitted to ICASSP 2026.