

# Adrian Sauter

**Contact No.:** +49 157 33715232 | **Email:** adriansauter07.AS@gmail.com | [LinkedIn](#) | [Website](#)

I'm a Master's student in Artificial Intelligence at the University of Amsterdam, passionate about making AI more transparent, aligned, and human-centered. With a strong foundation in technical research, interdisciplinary thinking, and effective communication, I focus on bridging the gap between complex models and meaningful, accessible insights. My work centers on explainable AI and responsible ML systems that support clarity, trust, and practical impact.

## EDUCATION

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### Universiteit van Amsterdam

Sep 2023 – Present

#### *M. Sc. in Artificial Intelligence*

- GPA: 9.05 (best: 10, worst: 1)
- 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

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### 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

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- **Sauter, A.**, Pemmasani Prabakaran, R.S., Miletic, 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).