

YANNICK BRENNING

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PROFESSIONAL EXPERIENCE

Laboratoire de Linguistique Formelle

Research Internship (Master)

Paris, France

07/2025 - 10/2025

- Generation of a syntactically diverse dataset based on [SLOG](#)
- Using formal grammars to produce controlled sentence structures
- Prompt engineering an LLM to improve semantic plausibility

Laboratoire d'Informatique et des Systèmes (LIS)

Research Internship (Master)

Marseille, France

02/2025 - 06/2025

- Designing syntax-instructed language models
- Training a language model on data annotated with syntactic information
- Designing evaluation metrics to compare "plain" and syntax-instructed language models

Friedrich Schiller University Jena

Research Assistant (Master)

Jena, Germany

12/2024 - Present

- Development for the [Thuringian Water Innovation Cluster](#)
- Collection and preparation of water-based data from social media networks
- Working with MySQL, Python and social media APIs such as BlueSky and Mastodon

Leipzig University

Research Assistant (Bachelor)

Leipzig, Germany

11/2022 - 11/2024

- Fullstack development of [PlantHub](#), a web application designed to present biodiversity data
- Working with Python and TypeScript
- Learning to use tools such as Django, Dash, and Svelte

EDUCATION

Leipzig University

Computer Science (Master's)

Leipzig, Germany

10/2024 - Present

Aix-Marseille University

Computer Science (Master's Erasmus Exchange)

Marseille, France

09/2024 - 06/2025

Leipzig University

Computer Science (Bachelor's)

Leipzig, Germany

10/2020 - 07/2024

Thesis topic: [Investigating Core Set-based Active Learning for Text Classification](#)

LANGUAGES AND TECHNICAL SKILLS

German (native), English (native), French (B2)

Programming: Python, C, JavaScript

Libraries: NumPy, Pandas, Matplotlib, PyTorch