

Anthony Saab

AI/NLP ENGINEER & AGENTIC AI DEVELOPER

Paris, France

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“AI/NLP engineer with a background in mathematics, computational linguistics, and logic. I build agentic AI systems, NLP pipelines, and data-driven software using Python, R, and modern ML frameworks, with a focus on reliable, reproducible, and practical AI solutions.”

Skills

Programming & Data	Python, R, Pandas, scikit-learn, PySpark
NLP & AI	Spark NLP, Hugging Face, BERT, GloVe, LLMs, Agentic AI
Tools	GitHub, reproducible reporting, Node.js
Research & Presentation	Report writing, research and presentation
Audio & Visual	Ableton, Serum Sound Design, Soundscaping, Mixing and Mastering

Agentic Projects

OFOLD : Multilayer heuristic and learned model Poker Agent

Paris, France

PROBABILITY, ANALYSIS, AGENTIC PIPELINING

2026

- Multilayer poker agent: heuristics + neural training, async probabilistic inference, low-latency execution. Deployed and competing in online arenas.

Neural Network Poker Training

Paris, France

NEURAL NETWORKS, GAME AI, TRAINING PIPELINES

2026

- Training pipeline for poker neural networks: hand evaluation, opponent modeling, self-play strategy optimization.

Data Analysis, NLP and Big Data Projects

Literary Big Data Analysis: Romantic vs Realist Authors

Paris, France

BIG DATA / NLP / SPARK ANALYSIS

2026

- End-to-end Spark/Spark NLP pipeline: readability + stylometry on 19th-century novels; staged processing, NLP annotation, reproducible reporting.

Paris Election: Statistical Analysis and SVD Methods

Paris, France

MATHEMATICS, STATISTICS, DATA ANALYSIS

2026

- Reproducible pipeline for Paris polling-station results; SVD/matrix methods to surface voting patterns and structure electoral data.

Character-level GPT for French Poetry Generation

Paris, France

NLP TRAINING, DATA PROCESSING, TOKENIZATION

2026

- Trained PyTorch char-level GPT/Transformer on French literature; loss, sampling, and generation-quality evaluation.

Education

University of Paris Cité

Paris, France

MASTER'S LOGOS: MATHEMATICS, COMPUTATIONAL LINGUISTICS/NLP AND PHILOSOPHY OF SCIENCE

2026

- Mathematical logic, computational linguistics, NLP, data science, LLMs, AI, philosophy of science.

University of Montpellier

Montpellier, France

DU IN POLITICAL SCIENCE

2023

University of Paris 1 (Panthéon-Sorbonne)

Paris, France

BACHELOR'S DEGREE IN PHILOSOPHY

2022

Lycée Libano-Allemand

BACCALAURÉAT IN MATHEMATICS

2018

- Highest Honors.

Professional Experience

GS Transportation (Remote)

Houston, Texas

SOFTWARE AND BOOK UPKEEP

2025 - Present

- C# software design and maintenance; shipped GPS tracking for drivers/dispatch; bookkeeping and accounting.

Freelance

Paris, France

PHILOSOPHY AND MATHEMATICS TUTOR

2023 - 2025

- Mathematics and philosophy tutoring: secondary and undergraduate levels; curriculum design, exam preparation.

Al-Arabiya

INTERN IN MEDIA AND JOURNALISM

2020

- News writing and editing; short features and newsflashes on deadline.

Languages

Fluent	French (C2), English (C2), Arabic (C2)
Intermediate	German (B2)
Beginner	Spanish (A1), Italian (A1)

Audiovisual Projects

Selected Works

Paris, France

PRODUCER, SOUND DESIGNER, AUDIO ENGINEER, ART DIRECTION

2016 - Present

- Sound design and musical composition; released catalog with a growing following.