

Miguel Conner

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Data Scientist with hands-on experience bridging research and production, deploying and evaluating LLM-powered systems at scale. Strong Python expertise with focus on LLM evaluation techniques. Passionate about translating AI research into practical applications that solve real-world problems.

Professional Experience

Aily Labs

Barcelona, Spain

Data Scientist – GenAI Team

March 2024 – Present

- Led development and production deployment of LLM-powered internal tools, including a Perplexity-like search agent and an insight generation system, relied upon by multiple teams in the company,
- Contributor in internal LLM benchmarking efforts; creating custom, relevant benchmarking datasets,
- Built and supported the Aily Agent platform and API, the company's flagship product,
- Generated Knowledge Graphs from LLMs for research in collaboration with Mila (to be published).

inContext LLC

Barcelona, Spain

Co-Founder – Micro SaaS

July 2024 – Present

- Built a daily web-based product for interactive language learning with custom content ([link](#)),
- Built a context-aware AI-based dictionary for language learning ([link](#)),
- Experimented with text simplification through SFT and RL of small language models.

Barcelona School of Economics

Barcelona, Spain

Machine Learning Teaching Assistant

September 2023 – Present

- Language Models (for researchers and professionals) and Computational ML (for master's students).

World Bank / UK FCDO / Institut d'Anàlisi Econòmica / Holaluz

Barcelona, Spain

Data Science Consultant & Intern

April 2023 – February 2024

- Experimented with combining zero-shot LLMs and contrastive learning models for tweet classification,
- Used the embeddings of millions of newspaper articles to improve [conflict forecast prediction model](#),
- Ran experiments with few-shot LLMs to generate synthetic training data for internal use.

Education

Barcelona School of Economics

Barcelona, Spain

Masters | Data Science Methodology | Top [Thesis](#) in Class

2022 - 2023

Stanford Inter-University Center for Japanese Language Studies

Yokohama, Japan

Toshizo Wantanabe Fellow

2019 - 2020

Reed College

Portland, OR, United States

Bachelor of Arts | Physics

2011 - 2015

Skills

LLM & AI: LLM evaluation, LLM fine-tuning, prompt engineering, few-shot learning, benchmarking, Knowledge Graphs, LangChain, OpenAI API, Embeddings, MCP, GRPO

Machine Learning & Data Science: Python (scikit-learn, pandas, NumPy), Supervised/unsupervised learning, Deep Learning (CNNs), PyTorch, Natural Language Processing, Transformers

Software Development: AWS, Git, SQL, UNIX, REST APIs, Unit/Integration Tests, CI/CD

Languages: Fluent in English and Spanish; advanced Japanese (N2), intermediate Catalan (B1)