Daniele Mingolla

in LinkedIn   GitHub   @ daniele.mingolla.jobs@gmail.com

WORK EXPERIENCE

OPENNEBULA   MARCH 2025 — PRESENT
AI Engineer   *Barcelona, ES*
- Implemented fine-tuning workflows and automated GPU scheduling (PCI passthrough for H100/A100/V100) for the **OneAI CLI**, enabling one-command LLM deployment across OpenNebula's **5,000+ cloud** installations.
- Built a **dependency-free Time Series Forecasting SDK** (NumPy/Polars) using Gradient Boosting and Fourier Transforms for **predictive VM scaling**, reducing cloud operational costs by **15%**.
- Authored and released [one-mcp](#), an open-source **MCP server** connecting LLMs to cloud infrastructure, enabling **natural language DevOps** and cutting cloud management time by **40%**.
- [Speaker at FOSDEM 2026](#) (Brussels) and [Open Source Experience 2025](#) (Paris) on AI-assisted cloud management and the OneAI architecture.

GLOVO   MARCH 2024 — MARCH 2025
Data Scientist   *Barcelona, ES*
- Designed and analyzed **A/B tests** across multiple domains (UX, email, promos), collaborating with PMs and SWEs on experiment design, implementation, and **statistical analysis**.
- Built and deployed **ML recommendation system** for in-app ranking and personalized communications (email/push), orchestrating implementation across teams with projected **€4M annual GMV impact**.
- Validated EU discount policy impact through **causal inference**, proving **fraud reduction (99.6%)** without business degradation, enabling policy rollout across operating markets.

SOCIALPOINT   JANUARY 2023 — MARCH 2024
Data Scientist   *Barcelona, ES*
- Analyzed arena mode matchmaking data to identify engagement bottlenecks, driving game design improvements that **increased ARPU by 5%**.
- Developed **genetic algorithm** for game balancing automation, **reducing game designers' manual workload by 70%** while preserving gameplay quality.
- Architected **ETL pipeline** for **real-time game metrics** across **4 teams**, reducing weekly reporting time from **hours to minutes**.

AMAZON   JULY 2022 — NOVEMBER 2022
Data Engineer Intern   *Luxembourg, LU*
- Optimized **Spark job performance** through code refactoring and resource optimization, **reducing AWS costs by 20%**.
- Developed **ETL pipelines in SQL** to power **QuickSight dashboards**, enabling **data-driven operations** across warehousing teams.
- Collaborated with Research Scientists on **temporal graph neural networks** to model warehouse dependencies for improved order forecasting across **1,000+ facilities**.

EDUCATION

MSc IN DATA SCIENCE, University of Milano-Bicocca, Milan, IT   OCTOBER 2022
- Thesis: [Federated and Distributed Machine Learning Models for Load Prediction at the Edge](#).

BSc IN COMPUTER SCIENCE, University of Perugia, Perugia, IT   JULY 2020
- Thesis: [Application of Machine Learning and Deep Learning Models for Sentiment Analysis on Hotel Reviews](#).

PROJECTS

TECHPUENTE ◯
- Founded end-to-end: SaaS platform connecting South American tech talent with EU companies. **Manage a TikTok influencer team** for acquisition, reached **100 monthly users**, then pivoted to a [blog](#) driving **2k monthly organic visitors** via **SEO**.

SKILLS

AI & LLMs	Python, SQL | LLM Fine-tuning, vLLM, RAG, MCP, LangChain | PyTorch, Hugging Face, Scikit-Learn
Infra & MLOps	AWS, Docker, Kubernetes, Apache Spark, Airflow, FastAPI, MLFlow, CI/CD
Product & Growth	Public Speaking, Team Management, SEO, Growth Marketing, A/B Testing, Causal Inference