




# Alberto Di Maria


AI Engineer

## CONTACTS

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 [AlbertoDiMaria\\_website](#)

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## TECH SKILLS

### Languages and Frameworks:

- Python
- MATLAB
- React.js

### Deep Learning:

- TF / Keras / PyTorch
- Librosa / Essentia

### Generative Models:

- VAEs / GANs
- Diffusion / Transformers
- LLMs
- Voice Agents
- Agentic Systems

### Tools:

- Git
- Docker

## LINGUE

Italian | native  
English | advanced  
Spanish | intermediate  
French | elementary

## PROFILE

MSc in Music and Acoustic Engineering, Politecnico di Milano. Started from audio research, ended up applying AI to it — generative models, voice agents, agentic systems. Currently seeking a full-time role in AI engineering.

## EDUCATION

### M.SC. MUSIC AND ACOUSTIC ENGINEERING

[Computer Science and Engineering] Politecnico di Milano - Milan, Italy

### ELECTRONICAL ENGINEERING

Università di Padova - Padua, Italy

## FURTHER TRAINING

### CREATIVE MACHINE LEARNING – IRCAM / ACIDS

- Course on ML for audio: fundamentals, neural networks, generative models and transformers.
- 2025, online, 10 weeks, score: 96/100.

### ARTIFICIAL INTELLIGENCE TUTOR – AIFIA

- Certification as qualified AI trainer, with advanced GenAI skills and commitment to ethical AI use.
- 2025, online, certificate awarded.

## WORKING EXPERIENCE

### FREELANCE AI DEVELOPER | 2026 - now

Freelance development for music industry clients — rebuilding and automating existing websites, integrating AI features, and shipping custom tools from scratch.

### AUDIO DEVELOPER | Anecoica Studio - Berlin, Germany | 2023 - 2025

Worked on generative audio models, MIR, 3D UIs. Built full-stack prototype using Python, React.js and Flask.

### PRIVATE TUTOR | il-Cubo.it - Milan, Italy | 2020 - now

Tutored 30+ students weekly across diverse subjects at both high school and university level. Recently expanded role to coordinating a team of tutors.

## PROJECTS

### FINNICO BEAT STORE | MUSIC MARKETPLACE [acquired] | [link](#)

Stack: Next.js · Python · Supabase · Stripe

- End-to-end music e-commerce: Stripe payments, license contracts, Cloudflare R2 audio delivery
- Autonomous ingestion agent — monitors a local folder and auto-publishes beats.

### SHY ORDER | AUTONOMOUS VOICE AGENT | [link](#)

Stack: Python · FastAPI · ElevenLabs · Twilio · Supabase · Stripe

- Collects booking details via browser chat, then autonomously calls the restaurant via Twilio
- Handles the full phone conversation end-to-end with no human intervention