CURRICULUM VITAE

PERSONAL INFORMATIONS

Full Name: NELLO ENRICO

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Place and date of birth: 31/03/1997, Pisa.

WORKING EXPERIENCE

AI Engineer
ExtraRed s.r.l., Pisa, January 2026 – Present.
NLP, LLM, Agentic AI

AI Engineer
Helaglobe s.r.l., Florence, September 2024 – December 2025.
Computer Vision, NLP, LLM, Agentic AI

Intern
Consiglio Nazionale delle Ricerche, Pisa, September 2023 – May 2024.
Computer Vision, Deep Learning

IT support
S. Jacopo s.r.l., Livorno, March 2018 – May 2024.

ACADEMIC BACKGROUND

Bachelor's Degree in Computer Engineering
At Università degli Studi di Pisa, 2017 - 2021.
Master's degree in "Artificial Intelligence & Data Engineering"
At Università degli Studi di Pisa, 2021 – 2024.
Thesis in collaboration with ISTI-CNR Pisa in Computer Vision
Title "On the Effectiveness of Deepfake Detection on Multimodal Fake News"

MAIN PROJECTS:

1. **PhysioSmart – Telerehabilitation mobile app with Real-Time exercise detection [Computer Vision]**:
   Built and trained an LSTM neural network as the backbone of the app, enabling real-time detection of exercise correctness.
   More details at: https://helaglobe.com/physiosmart-migliorare-laderenza-con-unapp-di-teleriabilitazione/

2. **Large Language Model-based Chatbot with PDFs [Generative AI]:**
   Retrieval-Augmented Generation (RAG) chatbot that can answer to questions by acquiring information from personal pdf documents.
   More details at: https://enricollen.com/posts/Local-RAG-Chatbot/

3. **AI Agents – Real-time Voice Agent with custom tools [Generative AI]**:
   Voice-based interaction with an AI agent that responds in real time and can leverage custom tools to perform actions when needed.
   More details at: https://enricollen.com/posts/AI-Voice-Agent/

4. **Bird Species Recognition [Computer Vision]:**
   Web application that helps photographers in identifying bird species given a picture.
   More details at: https://enricollen.com/posts/Italian-Bird-Classifier/

PUBLIC SPEAKING:

1. **How LLM works & how to interact with them**
   19/12/2024
   For: colleagues, internal meeting.

2. **AI for Medical Awareness Campaigns and Events**
   08/09/2025
   For: clinicians, patient advocacy organizations.

3. **AI for Technical Writing and Productivity Enhancement**
   13/12/2025
   For: clinicians, patient advocacy organizations.

EXPERIENCES ABROAD:

English courses

- **Rider University (New York),** July 2014.
- **Rider University (Los Angeles**), July 2015.

PERSONAL SITE

PERSONAL SKILLS

Languages: English, B2.

- Python, C/C++, Java;
- Machine Learning;
- Deep Learning;
- Generative AI;
- Computer Vision;
- Relational and NoSQL Databases

Driving License   B