

Updated
March 27, 2025

Personal information

Name / Surname
Address
Telephone
Personal Email
Professional Email
Home page
Nationality
Date of birth
Gender

Filippo Martinini

Work experience

Dates	04/21 - 09/21
Occupation	Research Fellow
Main Activities	Research on biomedical data compression and reconstruction algorithms
Employer	University of Bologna

Education and training

Dates	11/21 - 10/24 (conferral 04/25)
Title	PhD student
Subject	Electronics, Telecommunication, and Information Technologies (ETIT). Specialization in Artificial Intelligence applied to sensor data. My research focuses on biomedical time series and biomedical imaging compression, decoding, and analysis algorithms using Deep Learning.
University	University of Bologna (with research stay at the National University of Singapore, 11/23 - 04/24)
Dates	08/19 - 06/20
Title	Erasmus Student
Subject	Artificial Intelligence and Machine Learning
University	University of Tampere (Finland)
Dates	09/18 - 03/21
Title	Master's Degree
Subject	Electronic Engineering
University	University of Bologna
Grade	110L/110
Dates	09/15 - 10/18
Title	Bachelor Degree
Subject	Electronic and Telecommunication Engineering
University	University of Bologna
Grade	94/110

**Personal skills
and competences**

Mother tongue

Other language(s)

*Self-assessment
European level^(*)*

English

Social skills and
competences

Organisational skills and
competences

Technical Skills

Driving licence(s)

Additional information

Italian

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Professional	Professional	Professional	Professional	Professional

^(*) Common European Framework of Reference (CEF) level

Adaptable team player with strong communication and leadership skills, gained through teaching, tutoring, and working in diverse multicultural environments

Experience managing research projects, mentoring students, and publishing in leading scientific journals

Programming Languages: Python (expert of TensorFlow and PyTorch), MATLAB and C. Expert in Data Analysis and Visualization: Proficient in statistical analysis, time series analysis, and data visualization techniques. Research Skills: Skilled in experimental design, technical writing, and academic publishing in high-impact journals.

European B category

Personal interests

Dedicated practitioner of Brazilian JiuJitsu

Avid reader of novels

Bologna (BO), March 27, 2025

Place and date

Name Surname