



Lorenzo Nigi

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Gender: Male | Date of birth: Nov 5 2002 | Nationality: Italy

PREFERRED JOB

computer scientist

WORK EXPERIENCE

[04/2024 - 08/2024]

Undergraduate Internship

Toscana Life Sciences - SIENA (SI) Italy

Company sector: Engineering and design

Business or sector: computer science, data processing and acquisition

Main activities and responsibilities: Creation of a neural network-based Python (Pytorch) program for automatic classifications of chemical compounds in anthraquinonic plants, with a simple GUI

EDUCATION AND TRAINING

[2024 - present]

Corso di Laurea Magistrale in Ingegneria dell'Intelligenza Artificiale e dell'Automazione

Università degli Studi di SIENA

Town: SIENA

2nd level degree in Computer engineering

Expected degree mark: 110/110

EQF level: 7

NQF level: 2nd cycle degree/Master of Science (2 years)

[2021 - 2024]

INGEGNERIA INFORMATICA E DELL'INFORMAZIONE

Università degli Studi di SIENA

Town: SIENA

1st level degree in Information technology

Final degree mark: 110/110 cum laude

EQF level: 6

NQF level: 1st cycle degree/Bachelor (3 years)

Dissertation/thesis title: CLASSIFICAZIONE MEDIANTE RETI NEURALI DEI METABOLITI PRESENTI NELLE PIANTE ANTRACHINONICHE

PRE-UNIVERSITY STUDIES

[2021]

Secondary school diploma: Classical High School
Italian secondary school diploma

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s)

English

LISTENING: C1 **READING:** C1 **WRITING:** C1

SPOKEN INTERACTION: C1 **SPOKEN PRODUCTION:** C1

Diploma(s) or certificate(s)

English: Cambridge English Level 2 Certificate in ESOL International (First) - Cambridge Assessment (English), 24 05 2018 - European level: C1

*Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages*

ACADEMIC STUDIES IN FOREIGN COUNTRIES

Other experience not acknowledged by the course of study

Language: English

Duration of studies in months: 1

Foreign country where the academic studies were carried out: Xi'an (China)

Description: Participation in the Young Envoyees Scholarship (YES) program at Xi'an Jiatong University in summer 2025, Duration: 2 weeks, Scholarship winner from University of Siena.

OTHER SKILLS

Communication skills

- Teamwork & Empathy: Strong ability to collaborate and understand others' needs, developed through years of training and instructing karate.
- Cross-Cultural Communication: Adept at interacting in multicultural environments, driven by a classical education and diverse personal interests.
- Collaboration: Proven ability to work effectively in team settings, gained through various collaborative projects during my university studies.

Organisational / managerial skills

- Project Management & Leadership: Solid experience coordinating group projects, including delegating tasks and distributing resources among team members (developed throughout high school and university).
- Organization & Time Management: Strong organizational skills with a proven ability to consistently meet deadlines and effectively manage heavy workloads (acquired throughout my academic career).

Other skills

Karate: First Dan Certificate in federation SKIF, exam date: 30/06/2019

DIGITAL COMPETENCES

SELF-ASSESSMENT				
INFORMATION AND DATA LITERACY	COMMUNICATION AND COLLABORATION	DIGITAL CONTENT CREATION	SAFETY	PROBLEM SOLVING
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital competences - Self-assessment grid

Basic digital competence:

OFFICE AUTOMATION

Office Suite: (Advanced) | **Presentation Software:** (Advanced) | **Spreadsheets:** (Advanced) | **Web Browser:** (Highly Specialised) | **Word Processors:** (Advanced)

COMPUTER PROGRAMMING

Programming languages: Bash (Intermediate) , C (Intermediate) , C++ (Intermediate) , JavaScript (Intermediate) , MATLAB (Advanced) , PHP (Intermediate) , Python (Advanced) | **Web Programming:** (Intermediate)

SYSTEMS AND NETWORKS MANAGEMENT

Network architecture: (Intermediate) | **Operating systems:** (Intermediate)

DATA MANAGEMENT

DBMS: (Intermediate) | **Query languages:** SQL (Intermediate)

DRIVING LICENCE

Driving licence category B / Car available