



Mattia Palano

Date of birth: 11/11/1999 | **Place of birth:** Brindisi, Italy | **Nationality:** Italian | **Phone number:** (+39) 3935062140 (Home) | **Email address:** mattiapalano11@gmail.com | **Address:** Via Marco Biagi 8, 72100, Brindisi, Italy (Home)

EDUCATION AND TRAINING

15/09/2018 – 15/07/2021 Bari, Italy

BACHELOR'S DEGREE IN COMPUTER SCIENCE Università degli studi Bari Aldo Moro

- Developed proficiency in various programming languages and paradigms, enabling the design and implementation of efficient software solutions.
- Engaged in collaborative coding projects, enhancing teamwork and version control skills.
- Designed and analyzed algorithms to solve complex computational problems, focusing on optimization and efficiency.
- Applied theoretical knowledge to practical scenarios, bridging the gap between abstract concepts and real-world applications.
- Acquired skills in designing, implementing, and managing databases, ensuring data integrity and security.
- Explored foundational concepts in AI, including machine learning algorithms and their applications.
- Participated in projects that applied AI techniques to solve practical problems.
- Led and contributed to team-based projects, honing project management and collaborative skills.
- Utilized agile methodologies to adapt to evolving project requirements and ensure timely delivery.

Website <https://www.uniba.it/en> | **Field of study** Information and Communication Technologies | **Final grade** 105 |

Level in EQF EQF level 6

15/09/2021 – 15/07/2024 Milano, Italy

MASTER'S DEGREE IN COMPUTER SCIENCE Università degli studi di Milano

- **Advanced Artificial Intelligence Techniques:**
 - Developed and implemented sophisticated AI algorithms, enhancing system capabilities across various applications.
 - Engaged in research to innovate and improve existing AI methodologies.
- **Machine Learning & Pattern Recognition:**
 - Specialized in audio pattern recognition, developing models to accurately identify and classify audio signals.
 - Applied machine learning techniques to extract meaningful patterns from complex datasets.
- **Computer Vision & Image Processing:**
 - Designed and implemented computer vision algorithms for image analysis and object recognition.
 - Developed applications capable of interpreting and processing visual information from the environment.
- **Information Retrieval Systems:**
 - Engineered intelligent systems for efficient data retrieval, enhancing user experience and data accessibility.
 - Utilized natural language processing techniques to improve search accuracy and relevance.
- **Natural Language Processing (NLP):**
 - Developed algorithms for understanding and generating human language, facilitating human-computer interaction.
 - Worked on projects involving sentiment analysis, machine translation, and text summarization.
- **Data Analytics & Big Data:**
 - Analyzed large datasets to uncover trends and insights, supporting data-driven decision-making processes.
 - Employed statistical methods and machine learning models to interpret complex data structures.
- **Ethical and Legal Considerations in AI:**
 - Studied the ethical implications and legal frameworks surrounding AI deployment.
 - Ensured AI applications adhered to societal norms and regulatory standards.
- **Project Management & Collaboration:**
 - Led AI-focused projects, coordinating with cross-functional teams to achieve project objectives.
 - Managed project timelines, resources, and deliverables to ensure successful outcomes.

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
PORTUGUESE	B1	B1	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Libraries and Frameworks

PyTorch | Pandas | OpenCV | scikit-learn | Gensim | TensorFlow | Numpy | Matplotlib | Keras | Librosa | Seaborn

Programming Languages

Python | SQL | Java | C++

Development Enviroments

Git | Jupyter Notebooks | Docker | GitHub | Power BI | Visual Studio Code | PyCharm | Slack | C Lion | JetBrains IntelliJ Idea