



Diego Biagini

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in <https://www.linkedin.com/in/diegobiagini/>

🐙 <https://github.com/DiegoBiagini/DiegoBiagini>

Profile

I'm a Computer Engineering graduate student and I'm currently enrolled in a master degree in Artificial Intelligence at the university of Bologna.

I'm interested in many areas of Artificial Intelligence and how to use it to improve both our day to day life as well as business processes.

I'm a very independent person who loves to dive into never before seen topics, without leaving behind neither theory nor practice. My academic and practical experiences allowed me to hone both my problem solving as well as time and resource management skills.

Education

Master in Artificial Intelligence

University of Bologna

2021 – present

Bologna, Italy

Bachelor in Computer Engineering

University of Florence

110/110 cum Laude

2017 – 2020

Firenze, Italy

Secondary School Diploma in IT

ITTS Fedi-Fermi

100/100

2012 – 2017

Pistoia, Italy

Certificates

Machine Learning Engineering for Production (MLOps) specialization

The specialization focused on topics pertaining to the entire Machine Learning lifecycle, from project scoping to data gathering and pipeline development to system deployment.

TOEFL iBT Certificate

Score: 106/120

Professional Experience

Data Science Consultant

09/2022 – present

LoopAI Group 

The consulting activity focused on the development and testing of further features or algorithms for the Loop Q Unsupervised Cognitive Computing platform, its modules and plugins.

Curricular Internship

06/2016 – 07/2016

is Tech s.r.l [↗](#)

Pistoia

The internship consisted in developing applications interfacing with high precision depth cameras using the C programming language.

Languages

Italian



English

TOEFL iBT



Skills

Computer programming

C, C++, Python, Java, PHP

Building Machine Learning models

sklearn, Tensorflow, Pytorch, Jax

Machine Learning applied to Natural Language Processing and Computer Vision

MLOps/DevOps tools and technologies

Data versioning(DVC), Experiment Tracking (MLFlow), Pipeline Orchestration (Apache Airflow), TFX ecosystem, Containerization and Orchestration (Docker, Kubernetes)

Databases

SQL, PostgreSQL

Code Versioning Systems

git, github

Data Visualization

matplotlib, seaborn

Linux Systems Skills

Awards

LoopQ Prize 2022 Winner [↗](#)

30/06/2022

LoopQ Group

Winner of the 2022 LoopQ Prize challenge.

The task consisted in developing a Speech Emotion Recognition system using machine learning/deep learning techniques.

Sustainable AI Hackaton Winning Team

12/06/2022

Swiss AI Association

The Hackaton consisted in developing a solution which used AI to solve a globally significant problem, following the precepts of ethical and sustainable AI, AI for good, etc.

Projects

Extraction of Bibliographical Information from Conference Proceedings

Bachelor Thesis for the University of Florence

Given a sizable set of scientific documents transcribed using OCR without human curation extract information about the papers and authors inside them.

This required the use of large text data processing techniques as well as matching partially correct information with a ground truth, this last point was done using simple machine learning models.