Daniele Morotti

AI Engineer

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PROFILE

I am always eager to learn new technologies and use them to solve problems and to create new projects. I am passionate about AI and particularly interested in Deep Learning, Natural Language Processing and Computer Vision.

EDUCATION

Master's Degree in Artificial Intelligence   2021 – 2023
University of Bologna
A two-year master's degree in Artificial Intelligence which provides solid competencies in the innovative applications of AI.
Graduated with score **110/110 with honors**.

Bachelor's Degree in Computer Science   2018 – 2021
University of Bologna
As a graduation project, I created an anti-counterfeiting system for the fashion industry that could be run on the Ethereum blockchain.
Graduated with score **108/110**.

PROFESSIONAL EXPERIENCE

AI Engineer   12/2023 – Present
Diennea   Faenza
- Design, implementation, and maintenance of Artificial Intelligence applications for internal and external clients. Integration of AI functionalities into existing software by collaborating with the respective corporate development teams.
- Preparation, management, and manipulation of data necessary for training and running AI systems in collaboration with the areas/clients that produce them.

Data Scientist Intern   04/2023 – 08/2023
Data Reply   Bologna
- Development of my thesis project, which aimed to process custom data of various types (textual and tabular data) to make them usable by LLMs.
- Throughout this period, I used the OpenAI API and extensively tested numerous open-source language models.
- Conducted fine-tuning experiments and compared their effectiveness with a retrieval augmented generation approach.

SKILLS

- The degree courses involved the use of various languages such as Python, JavaScript, C++, SQL and R.

- Additionally, numerous libraries and frameworks were employed in the projects and exercises, including NumPy, TensorFlow, Keras, PyTorch and Scikit-learn.

LANGUAGES

Italian (native) | English (professional)