

Olmo Ceriotti

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Education

University of Milano-Bicocca

From September 2021 to July 2024

Bachelor of Science in Computer Science (GPA: 4.00 / 4.00)

Milan, Italy

- Graduated with honors
- **Relevant Coursework:** Programming Languages (Prolog & Lisp), Distributed Systems (Java), Object Oriented Programming (Java)

AGH University

From September 2023 to February 2024

Erasmus Program (GPA: 4.00 / 4.00)

Krakow, Poland

- **Relevant Coursework:** Embedded Artificial Intelligence (Python), Functional Programming Languages (Scala), Cryptography (Python)

Projects

Bachelor Thesis: Heterogenous GNNs for Action Prediction on EASG | Python, PyTorch, PyTorch Geometric, WandB

- Parsed a novel dataset and applied augmentation to it.
- Created a wide range of heterogenous GNN models to perform action prediction on the dataset.
- Trained and tested the models.

PySteg | Python, OpenCV, NumPy, ZBar

- Implemented efficient and effective steganography methods on images. Researched various algorithms using academic sources.
- Developed a steganography method dedicated to QR Codes using their error correction properties.
- Employed a wide variety of dedicated libraries and resources.

CineMah System | Grizzly, Maven, SCSS, Javascript, Java

- Developed a fictional theatre website in vanillaJS.
- Built a general purpose in-memory database with custom commands.
- Implemented an API to deal with the client requests using Grizzly HTTP Server.

Technical Skills

Languages: Python, Java, Javascript, C++, Scala, Lisp, Prolog, HTML, CSS, SQL, Bash, Latex

Technologies: PyTorch, PyTorch Geometric, TensorFlow, Flask, Express.js, jQuery, Bootstrap, Node.js, MySQL, Git, SCSS, Processing

Concepts: Artificial Intelligence, Operating System, Data Structures and Algorithms, Graph Theory, Machine Learning, Neural Networks, API, Functional Programming, Computer Vision, Web Protocols, Linux

Achievements

- 3rd ranked speaker in Italian Debate Championship 2020
- Participant of the Italian national debate team in 2020
- Graduated high school with top marks

Notes

Current work: I'm exploring the world of artificial intelligence and learning new techniques and frameworks

Future projects : I have a strong interest in pursuing a master's degree in artificial intelligence and work in fields related to artificial intelligence