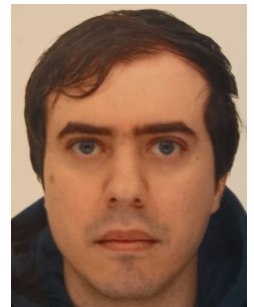


Alessandro Ristori

M.Sc. STUDENT IN ARTIFICIAL INTELLIGENCE

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About me

A Computer Science student at University of Pisa following the Artificial Intelligence curriculum. Interested in exploring the ever-expanding world of machine learning, mainly NLP and Machine Translation, but I do not disdain testing my skills in other domains. Looking mostly for positions related to Machine Learning and Data Scientist positions.

Education

University of Pisa

M.Sc. IN COMPUTER SCIENCE - AI CURRICULUM

Pisa, Italy

Sep. 2020 - Dec. 2023

- **Final mark:** 110/110 *cum Laude*.
- **Thesis:** *Continual Learning for Non-Autoregressive Neural Machine Translation*.
The setting consisted in dealing with two non-autoregressive models (CMLM and GLAT) and analyzing their performances in a multilingual scenario. I observed how well they fare against the issue of catastrophic forgetting while employing the continual strategy of experience replay.
- **Courses:** Artificial Intelligence Fundamentals, Information Retrieval, Machine Learning, Computational Mathematics for Learning and Data Analysis, Human Language Technologies, Parallel and Distributed Systems: Paradigms and Models, Intelligent Systems for Pattern Recognition, Mobile and Cyber-Physical Systems, Smart Applications, Data Mining, Computational Health Laboratory, Computational Models for Complex Systems.

University of Florence

B.Sc. IN COMPUTER SCIENCE

Florence, Italy

Sep. 2016 - Feb. 2020

- **Final mark:** 110/110.
- **Thesis:** *Genetic Algorithms and their Applications*.
I studied the behaviour of genetic algorithms while also analyzing their pros and cons, I first applied them to a simple case (function maximization), then I utilized them in a path-finding context.

ISISTL Russell-Newton

HIGH SCHOOL

Scandicci, Italy

Sep. 2011 - Jul. 2016

- **Final mark:** 100/100 *cum Laude*.
- Took part in the first edition of *Progetto TRIO* (an intership that spans over an entire school-year) during my fourth year.

Skills

- | | |
|-----------------------|--|
| Main Interests | Artificial Intelligence, Machine Learning, Natural Language Processing, Neural Machine Translation. |
| Programming | Python (Pytorch, TensorFlow, Pandas, NumPy, Transformers etc.), Java, MATLAB, LaTeX. |
| Miscellaneous | Linux, Microsoft Office, Git. |
| Soft Skills | Teamwork, Keen interest to explore new fields, Self-organization, Openness to criticism for improvement. |

Languages

- | | |
|----------------|----------------------------------|
| Italian | Native proficiency |
| English | Professional working proficiency |
| Spanish | Limited working proficiency |

Referees

Prof. Davide Bacciu

DEPARTMENT OF COMPUTER SCIENCE

University of Pisa

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