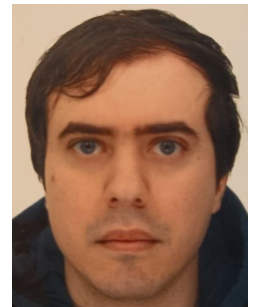# Alessandro **Ristori**

M.Sc. in Artificial Intelligence

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About me

I graduated from the University of Pisa with a Master's degree in Computer Science, following the Artificial Intelligence curriculum. Interested in exploring the ever-expanding world of Machine Learning, mainly Natural Language Processing and Machine Translation, but I do not disdain testing my skills in other domains. Looking mainly for jobs related to Machine Learning and Data Scientist positions.

Education

University of Pisa
Pisa, Italy

M.Sc. in Computer Science - AI curriculum
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
Florence, Italy

B.Sc. in Computer Science
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
Scandicci, Italy

High School
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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