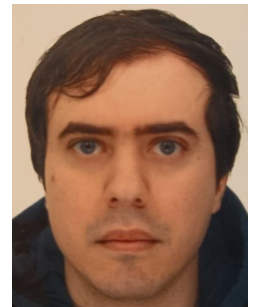# Alessandro **Ristori**

M.Sc. in Artificial Intelligence

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About me

I have a Master's degree in Computer Science from the University of Pisa, specializing in Artificial Intelligence. I'm interested in exploring the ever-expanding world of Machine Learning, mainly Natural Language Processing and Machine Translation, but not averse to 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 task involved working with two non-autoregressive models, namely CMLM and GLAT, and evaluating their performance in a multilingual scenario.The objective was to assess how well they address the issue of catastrophic forgetting while employing the continual strategy of experience replay.

University of Florence
Florence, Italy

B.Sc. in Computer Science
Sep. 2016 - Feb. 2020

- **Final mark:** 110/110.
- **Thesis:** *Genetic Algorithms and their Applications*.
  The behaviour of genetic algorithms was analyzed and their advantages and disadvantages were also evaluated. The algorithms were first applied to a simple case of function maximization and then utilised 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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