

Ilaria Salogni

MSc GRADUATE

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GitHub: github.com/IlariaSalogni

Portfolio: ilariasalogni.github.io

ABOUT ME

Recently graduated MSc student in Natural Language Processing, with **top final grade** (110/110L), and a strong focus on **linguistic research** through computational methods.

EDUCATION

Pisa, Italy
Sep 2021 - July 2024

Master in Human Language Technologies University of Pisa

Through coursework and projects I developed **linguistic** and **programming (Python, R)** skills for the design and evaluation of **Deep Learning** models and **NLP pipelines**. Among them:

- **Geolocating (regression task) sequences** exhibiting **non-standard** language varieties relying solely on linguistic content by **fine-tuning** two **BERT**-based and a **RoBERTa**-based model ([Github](#))
- **Hands-on Computational Psycholinguistics**: a quantitative analysis in **R** of the French verbal system morphological complexity using **TSOMs** ([Github](#))
- Revision of the semi-automatic **annotation** of the UD-Pipe model on an Italian corpus, to **assess domain-adaptation issues** leverage.

Pisa, Italy
Sep 2023 - Feb 2024

Thesis internship

National Council of Research (ISTI-CNR), Pisa
I contributed to develop a **novel** ML method for prevalence estimation, using epidemiology-specific documents as case of study, supervised by prof. Fabrizio Sebastiani, prof. Andrea Esuli and dott. Alejandro Moreo.

- Data sourcing and visualization of text **biomedical datasets**
- Design of an **NLP supervised model** to leverage hierarchical labels to **classify textual inputs**, in a **prior shift setting** ([Github](#))

Pavia, Italy
Sep 2017 - Apr 2021

Bachelor in Linguistics

University of Pavia
During my bachelor's studies, I acquired a **sound basis of linguistics**. My thesis title is ‘Sociolinguistics of the Italian colonial context: interlingua and lexical borrowings in Amharic’, advised by prof. Ilaria Fiorentini.

PUBLICATIONS

@EVALITA2023
Parma, Italy
Sep 7th-8th, 2023

“Salogni at GeoLingIt: Geolocalization by Fine-tuning BERT”
in Proceedings of the Eighth Evaluation Campaign of Natural Language Processing and Speech Tools for Italian. Final Workshop (EVALITA 2023) Parma, Italy, September 7th-8th, 2023 ([PDF](#))

LANGUAGES

Italian
Native language

English
Advanced, certified by **IELTS**
overall 8.5 (Feb. 2024)

Spanish
Intermediate

PROGRAMMING LANGUAGES

- Intermediate *Python*, Basic *R*
- SW/ Tools: *Git*, *GitHub*, *LATEX*, *Google Colab*, *Jupyter*
- Relevant Libraries:
TensorFlow, *PyTorch*, *Keras*, *NumPy*,
Pandas, *Scikit Learn*, *ggplot*