

# Elisa Gugliotta

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## ABOUT ME

Proactive, patient, and determined

## EDUCATION

2022 Ph.D.

*Sapienza University of Rome* and *Communauté Université Grenoble Alpes* – LIDILEM and LIG.

Supervisors: prof. Olivier Kraif, prof. Giuliano Mion, prof. Marco Dinarelli.

Thesis title: *Tunisian Arabizi: Linguistic Analyses and Corpus Building using Natural Language Processing* - Defended in May 2022.

Degree Mark: Excellent with honors.

2017 Arabic Language Certification - Tunis.

Highest level at *Institut Bourguiba des Langues Vivantes (IBLV)*.

2016 Master Degree in Modern Languages for International Communication.

*Roma Tre University* - Arabic language, Spanish language, literature and translation, linguistics  
Dissertation on Tunisian Arabish.

Degree mark: 110/110 with honors.

2015 Erasmus Plus Program at *Universidad de Sevilla*.

Linguistic analysis of texts in contemporary Spanish, Arabic language VIII.

2013 Bachelor Degree in Languages and Linguistic Mediation.

*Roma Tre University* - Arabic language, Spanish language, literature and translation, modern language teaching, Italian linguistics, general linguistics, syntax.

Degree mark: 106/110

## RECENT WORK EXPERIENCES

2023 (ongoing)

1-year Postdoc attached to *Istituto di Linguistica Computazionale "A. Zampolli"* (CNR-ILC) Pisa, Italy.

Collection, processing and linguistic analysis of dialectal Arabic data with computational linguistics tools.

2022

1-year Postdoc attached to *Laboratoire d'Informatique de Grenoble (LIG)* – Collection, processing and linguistic analysis of dialectal Arabic data with NLP tools. Statistical analysis on linguistic corpora.

2018

Collaborator with *Babelscape S.r.l.* – *Sapienza University* - Automatic compilation data review, manual annotation according with Universal Dependencies for POS tagging.

Preparation and cleaning of source files for database generation. Languages: Spanish and Arabic.

## **LANGUAGES**

Italian, native speaker.

English, advanced level.

Spanish, advanced level.

French, intermediate level.

Fluent in Modern Standard Arabic and in Tunisian Arabic.

## **KNOW-HOW**

Data Analysis, Computational Linguistics, Corpus Linguistics, Digital Humanities, Arabic NLP.

Italian as a foreign language teaching, didactics, translation and reviewing, interpreting.

Software: Goldwave, Praat, AntConc, Office, WordPress, FileZilla, Dreamweaver.

Linguistic analysis software: Praat, AntConc, Goldwave, Audacity, Sketch Engine

Python, Bash script, SQL, RegEx Frameworks and libraries: PyTorch, Fairseq,

Selenium Python, SciKit, Nltk, Pandas, git, server task management with OAR

Latex

Social Network and digital media.

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