

# Cesare Campagnano

Rome, Italy

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## Education

### Ph.D. in Natural Language Processing (*Sapienza NLP group - CS Dept.*)

“LA SAPIENZA” UNIVERSITY OF ROME

- Advisor: prof. **Roberto Navigli** (Program Co-Chair of the ACL 2021 Conference)
- Research Interests: Sentiment Analysis, Entity Linking

Rome, Italy  
Nov. 2020 - present

### M.Sc. in Engineering in Computer Science - Machine Learning specialization (in English)

“LA SAPIENZA” UNIVERSITY OF ROME

- **110/110 Summa cum Laude** (First Class Honours, GPA: 3.94)
- Dissertation: Deep Learning Approaches for Automatic Music Production - in collaboration with **Facebook AI Research**
- Erasmus semester in Universitat Politècnica de València (in Spanish)

Rome, Italy  
Sep. 2018 - Oct. 2020

### B.Sc. in Engineering in Computer Science and Automation (in Italian)

“LA SAPIENZA” UNIVERSITY OF ROME

- Dissertation: Ventour - Google Technologies for Cloud and Web Development (Workshop)

Rome, Italy  
Sep. 2013 - Jul. 2018

## Experiences

### Emotionary (commercial product)

NLP ENGINEER

- Implemented Emotionary: a system for structured emotion classification and hate speech detection

Babelscape SRL  
Nov. 2021 - Jun. 2022

### Natural Language Processing course (M.Sc.)

TEACHING ASSISTANT

- Teaching and exams for a class of 143 enrolled students, led by prof. Roberto Navigli

“La Sapienza” University of Rome  
Mar. 2021 - Feb. 2022

### Automatic Music Production (research project)

RESEARCHER

- Supervisors: Prof. Stefano Leonardi (**Sapienza**); Fabrizio Silvestri (**Facebook AI Research**)
- Implemented a VQ-VAE model to discretize audio signal and a CycleGAN model to generate artificial music

“La Sapienza” University of Rome  
Mar. 2020 - Oct. 2020

### L’Innovatore (online magazine, sold in 2020)

CO-FOUNDER/CTO

- Developed the web platform; recruited and managed authors

Rome, Italy  
Oct. 2014 - Jan. 2020

## Honours and Awards

2020 **Ph.D. Merit Scholarship**, “Dipartimenti di Eccellenza” of Ministry of University and Research

“La Sapienza” University of Rome

2020 **Path of Excellence**, “Deep Learning for Signal Processing” tutor: prof. Simone Scardapane

“La Sapienza” University of Rome

2019 **Matrícula de Honor**, awarded in Spain to best-in-class students

Universitat Politècnica de València

## Skills

<b>AI</b>	NLP, Deep Learning, Signal Processing, Computer Vision, Data Mining, Big Data, Visual Analytics
<b>Frameworks</b>	PyTorch, HF Transformers, Scikit-Learn, Stanza, Spark, Scrapy, BeautifulSoup
<b>Programming</b>	Python, C, Matlab, Java, SQL, LaTeX
<b>Languages</b>	Italian (native), English (fluent), Spanish (fluent), Hebrew (basic)

## Publications

SRL4E – Semantic Role Labeling for Emotions: A Unified Evaluation Framework

**Campagnano, Cesare**, Simone Conia, and Roberto Navigli

ACL 2022: Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers), 2022, Dublin, Ireland

CycleDRUMS: Automatic Drum Arrangement For Bass Lines Using CycleGAN

Barnabò, Giorgio, Giovanni Trappolini, Lorenzo Lastilla, **Cesare Campagnano**, Angela Fan, Fabio Petroni, and Fabrizio Silvestri

arXiv.org Preprint, 2021