

# Luca Gioffrè

PhD Student in NLP at [SapienzaNLP group](#)

 [lukfre.github.io](https://github.com/lukfre)

 [lukfre](#)

 [\\_lukfre](#)

 Italy

 [luca-gioffrè](#)

 [gioffre@diag.uniroma1.it](mailto:gioffre@diag.uniroma1.it)

## Education

---

### PhD Student in Natural Language Processing

Currently working on Semantic Text Representation, Summarization and QA.

Advisor: Prof. Roberto Navigli

Sapienza University of Rome

2023 – Present

### M.Sc. in Engineering in Computer Science

Master's degree

Thesis: Leveraging GNNs for Narrative Understanding and Summarization

Advisor: Prof. Roberto Navigli

Final grade: 110 cum Laude/110

Sapienza University of Rome

2019 – 2023

### Engineering in Computer Science

Bachelor's degree

Thesis: PoC of a blockchain network for protecting the copyright with Hyperledger Fabric

Advisor: Prof. Andrea Vitaletti

Final grade: 108/110

Sapienza University of Rome

2016 – 2019

### Liceo Scientifico Giuseppe Peano

High School Diploma

Final grade: 100/100

Sapienza University of Rome

2011 – 2016

## Experiences

---

### Erasmus+ Experience

Örebro University

Artificial Intelligence, Advanced Technologies for Robotics, Advanced Technologies for Intelligent Systems

Örebro, Sweden

January – June 2020

### Private Teaching

Sporadic physics and mathematics private teaching to school students (children and adolescents)

Rome, Italy

2018 – 2023

## Selected projects

---

### Multi-Agent System for Clustering Objects

University Project | Simulation of Living Systems

Implemented simple behaviour for small robots for clustering objects randomly disseminated in a room 

### Brain Network Analysis during resting state

University Project | Bioinformatics & Network Medicine

Conducted a series of tests to analyze the brain network during resting state using EEG data 

### Decision Trees to understand CNNs

University Project | Interpretable Artificial Intelligence, Machine Learning

Modified a VGG-16 network to use Decision Trees to individuate contributions of the semantic parts of the image 

## Technical skills

---

### Programming Languages

Python, Java, Bash/Shell

### Frameworks

PyTorch, PyTorch Lightning, Transformers

### Tools

Git, Docker, VSCode,  $\LaTeX$

## *Languages*

---

|                |          |
|----------------|----------|
| <b>Italian</b> | Native   |
| <b>English</b> | Fluent   |
| <b>Greek</b>   | Beginner |

## *Passions*

---

Music and movies lover, if the sun shines I hike and take pictures, otherwise I read and play my guitar.