

Leonardo Emili

✉ leonardo.emili3@gmail.com | in leonardoemili | 🐙 LeonardoEmili | 🌐 leonardoemili.github.io

EDUCATION

Vienna University of Technology

Erasmus+, Informatics

Vienna, Austria

Sep. 2021 – February 2022

Sapienza University of Rome

Master of Science in Computer Science, GPA 30/30

Rome, Italy

Sep. 2020 – June 2022

Sapienza University of Rome

Bachelor of Science in Computer Science, 110/110 cum laude

Rome, Italy

Sep. 2017 – June 2020

I.T.T. C. Colombo

Secondary School Diploma, 100/100

Rome, Italy

Sep. 2012 – June 2017

EXPERIENCE

Research Assistant

Sapienza University of Rome

July 2020 – Present

Rome, Italy

Developed neural representations for named entities from Wikipedia with Prof. Roberto Navigli, funded by ERC Consolidator Grant, EU H2020 project number 726487.

IoT Engineering Intern

Sapienza University of Rome

January 2020 – July 2020

Rome, Italy

Designed and evaluated the performance of protocols for IoT systems equipped with Wake-Up Radios. Worked in a team led by Prof. Chiara Petrioli.

Honours Program Participant

Sapienza University of Rome

May 2019 – April 2020

Rome, Italy

Developed data mining tools to process text from the English Wikipedia corpus, implemented the system to automatically annotate named entities into Wikipedia pages.

AWARDS

Honours Program

March 2019

The Honours Program aims to enhance the training of worthy students enrolled in a study programme and interested in activities concerning study and cultural integration.

SELECTED PROJECTS

Aspect-Based Sentiment Analysis

Multitask learning approach using contextualized word embeddings and Conditional Random Field (CRF).

Stock Price Forecasting

Distributed stock price forecasting system to predict S&P 500 stock prices.

RESTaurant-reservation

Microservice-based restaurant reservation system, built using Docker Compose.

TECHNICAL SKILLS

Programming Languages: Python, Java, Dart, C, C++, Shell, JavaScript, TypeScript, SQL

Frameworks: PyTorch, PyTorch Lightning, PySpark, Tensorflow, Keras, Flutter, Vue.js, Flask

Developer Tools: Git, Docker, GCP, AWS, L^AT_EX

SELECTED COURSES

Machine Learning (30L/30), **Deep Learning** (30L/30), **Natural Language Processing** (30L/30)

Big Data Computing (30/30), **Distributed Systems** (30/30), **Cloud Computing** (30/30)

LANGUAGES

Italian (native), **English** (C1 level), **Spanish** (advanced), **German** (intermediate), **French** (intermediate)