





SVEVA PEPE

CONTACT

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WORK EXPERIENCE

NLP Engineer

ALMAWAVE, ROME
MARCH 2021 - PRESENT

- Research and development applied in the NLP field produce models and algorithms.
- Creation and industrialization of the models within the Iride® platform.
- Training models with consolidated best practices, methodologies, and tools of AI / Ops.

Performance Engineer

MOVIRI, MILAN
NOVEMBER 2021 - MARCH 2021

- Performance Testing and Tuning with LoadRunner, AppDynamics and Instana

Sapienza University of Rome

SCHOLARSHIPS FOR RESEARCH ACTIVITIES
NOVEMBER 2020 - JUNE 2021

- Build dataset that contains multiple-source and multiple-perspective B-format Ambisonics audio recordings
- Analyze two different tasks: 3D Speech Enhancement and 3D Sound Source Localization and Detection

EDUCATION AND TRAINING

Sapienza University of Rome

M.SC. IN ARTIFICIAL INTELLIGENCE AND ROBOTICS
SEPTEMBER 2019 - OCTOBER 2021

- *Thesis*: STEPS: Semantic Typing of Event Processes with a Sequence-to-Sequence Approach (NLP)
- *Final mark*: 110/110 cum laude
- *Honours Programme*: Development of a machine learning framework for the analysis of 3D audio acquisitions

Sapienza University of Rome

B.SC. IN COMPUTER SCIENCE AND AUTOMATION ENGINEER
SEPTEMBER 2016 - JULY 2019

- *Thesis*: Cosmoproject - Travel Booking Web Application
- *Final mark*: 110/110 cum laude

PUBLICATIONS

MLSP 2021

- **L3DAS Challenge: Machine Learning for 3D Audio Signal Processing**
[Paper](#)

AAAI 2022

- **STEPS: Semantic Typing of Event Processes with a Sequence-to-Sequence Approach**
[Paper](#)

PROJECTS

- **Semantic Role Labeling:**
github.com/pepes97/SRL
- **Named Entity Recognition:**
github.com/pepes97/NER

LANGUAGE SKILLS

Mother tongue



Other languages



CODING SKILLS

 python  Java  php  Keras

 NumPy  HTML5  git {JavaScript}

 MySQL  jupyter  PyTorch 