



Giovanni Pasini

Phd Student – Research Collaborator

Contacts and Personal Info

Birth date: 25th of July 1997
Birth place: Rome, Italy



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Summary

Currently, Giovanni Pasini is a PhD student at “La Sapienza” University of Rome and a research collaborator at the Institute of Molecular Bioimaging and Physiology (IBFM) – National Research Council (CNR). He has earned his master’s degree in Biomedical Engineering and his bachelor’s degree in Clinical Engineering at “La Sapienza” University of Rome.

Education

Nov 2022 – present

PhD in Industrial and Management Engineering at “La Sapienza” University of Rome in collaboration with IBFM-CNR

Theme: Personalized medicine for the diagnosis and prognosis of oncological and neurodegenerative diseases: Radiomics and Artificial Intelligence to support clinical decision-making

2019 – 2021

Master’s degree in Biomedical Engineering at “La Sapienza” University of Rome in collaboration with IBFM-CNR

Grade: 110/110 cum laude

2016 – 2019

Bachelor’s degree in Clinical Engineering at “La Sapienza” University of Rome

Grade: 108/110

2011 – 2016

High School Degree in Classical Studies

Grade: 94/100

Professional Experience

May 2022 – Jan 2023

Research collaborator at the Institute of Molecular Bioimaging and Physiology (IBFM-CNR).

Summary:

Development of a complete radiomics workflow articulated in:

- 1) Visualization of medical images
- 2) Registration of images obtained from different modalities
- 3) Automatic and manual segmentation
- 4) Feature Extraction
- 5) Feature Selection
- 6) Implementation of Machine Learning models

Programming Languages

MATLAB: advanced
Python: intermediate
C: basic
HTML: basic
CSS: basic

Spoken Languages

Italian: native
English: C1 - advanced
Spanish: basic