



Francesca Marinaro

CONTACT

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PROFESSIONAL PROFILE

Graduate in Biomedical Engineering, with experience in the field of healthcare IT.

I have developed skills in healthcare data analysis, ML/DL algorithm training, and clinical process development.

DIGITAL SKILLS

Python: data analysis (e.g., pandas, matplotlib), ML/DL algorithms (e.g., sklearn, keras)

MongoDB: NoSQL database management

Camunda Modeler: process modeling, BPMN notation

Protégé: ontology creation

LANGUAGE SKILLS

Italian - Native speaker

English - B1

PERSONAL DATA

I authorize the processing of my personal data pursuant to Article 13 of Legislative Decree No. 196 of June 30, 2003 - "Personal Data Protection Code" and Article 13 of GDPR 679/16 - "European Regulation on the Protection of Personal Data."

WORK EXPERIENCE

2018 - current | GPI SpA

Researcher

- Analysis and development of Business Process Model and Notation (BPMN) for clinical process management
- Data analysis, training of Machine Learning and Deep Learning algorithms
- Development of ontologies for the representation of knowledge domains (e.g., healthcare)

EDUCATION AND TRAINING

PhD in Human Sciences

University of Verona
10/2023-current

Specialist Master of Management in Clinical Engineering (SMMCE)

University of Trieste
02/2019-12/2020
Final grade: 105/110
Thesis: "The evolution of hospital care: home hospitals in pandemic management."

License to practice as an Industrial Engineer

University of Calabria
12/2017

Master's degree in biomedical engineering

Sapienza University of Rome
09/2013-01/2017
Final grade: 110/110
Thesis: "Foot kinematics: does the least squares approach improve the repeatability of results?"

Bachelor's degree in computer and biomedical engineering

University of Magna Graecia of Catanzaro
09/2008-03/2013
Final grade: 104/110
Thesis: "Polymeric substrates for the growth of bone marrow stromal cells."

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