

GIANMARCO RUSSO



CONTACTS

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Address

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SKILLS

Languages

Python | R | SQL | NoSQL

Libraries | Framework

Pandas | scikit-learn | spaCy | nltk | matplotlib |
seaborn | pytorch | opencv | ultralytics |
gradio | OpeanAI | ollama

Tools

Docker | Kubernetes | Excel | Git | ClearML

Languages

Italiano (lingua madre)

Inglese C1 (CAE certificate)

EXPERIENCE

Data Scientist

Allianz SpA | oct 2023 - now | Full-time

Working in a computer vision team for claims automation, improving efficiency in vehicle damage assessment:

- Designed and deployed a mobile-based object detection model to guide users in capturing optimal images for claims processing.
- Built a car parts segmentation model to accurately identify vehicle components from images.
- Developed a damage segmentation model to detect and localize damages, enhancing claims evaluation accuracy.
- Automated the data flow pipeline, streamlining the process from acquiring new production images to annotation and retraining.

Software Developer

Resi SpA | apr 2021 - sep 2021 | Internship

Natural Language processing

- Sentiment analysis and text classification. using NLP libraries like spaCy and NLTK. Usage of pre-trained transformers (BERT, BART).

EDUCATION

Big Data Science

Politecnico di Milano | oct. 2023 - sep 2025

Postgraduate Degree

Thesis dissertation: "Computer vision for claims automation"

Data Science

Università degli studi di Milano-Bicocca | oct 2021-jul 2023

Master's Degree

Thesis dissertation: "Unsupervised Machine Learning for Intrusion Detection Systems"

Computer Engineering

Università Ecampus | oct 2017 - mar 2021

Bachelor's Degree

Thesis dissertation: "AI in medical imaging"

Projects Portfolio

GitHub: <https://github.com/grusso98?tab=repositories>

LinkedIn: <https://www.linkedin.com/in/grusso98/details/projects/>