

Stefano Giannini

Physicist | Data Scientist | ML Engineer



About me

Greetings Everyone,
With four years of experience as a Data Scientist, I've been at the forefront of pioneering projects that redefine innovation, from spearheading initiatives in Autonomous Vehicles to revolutionizing Wearable Devices.

Personal Info:

Stefano Giannini

Nationality: Italian 🇮🇹

Birth Date: 5th April 1997 🎂

Areas of specialization

Data Science • Artificial Intelligence (RL, ML, NLP)
• Experimental Physics

Interests

- Data Science •
- Artificial Intelligence •
- Experimental Physics •
- Biotechnology •
- Medical Physics •
- Nanotechnology •
- Finance •

Free Time

- Hiking 🏔️
- Bike / Motorbike 🚲
- Volunteer 🤝
- Gym / Running 🏃

Links Tree



LinkTree

WORK EXPERIENCE

Sep 2022 - Nov 2023

Senior Data Scientist

STELLANTIS | AMARIS CONSULTING · Torino, Italy 📍

Audio-visual context @ Advanced Mechatronics Team, I deployed several AI models on AWS Cloud Infrastructure. MongoDB, Spark, Hadoop, Pytorch, Tensorflow, HuggingFace frameworks are often adopted. Experience on Speech-to-Text and Text-to-Speech with Generative AI. Hands-on modern NLP techniques using fine-tuning and distilling on BERT/ GPT models.



Nov 2019 - Jun 2021

Data Scientist

SMAIRTHERO · Torino, Italy 📍

I developed several ML and Dashboards to analyze data from wearable device on Azure (using both Python, Spark and Cassandra)



Dec 2017 - Apr 2019

Blockchain Data Analyst

SOAVE ASSET · Lugano, Switzerland 📍

Since 2014 I had begun to delve into blockchain technology almost completely for fun. Later I got in touch with an investment company in Lugano who was extremely interested in cryptocurrencies. I was involved in the fundamental and technological analysis of cryptocurrencies or ICOs. I left this occupation due to lack of competitiveness on the market



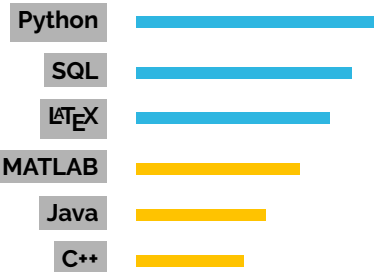
DEGREES

2024 **Nanotechnology**
MASTER · Stockholm University 🇸🇪

2021-2024 **Nanotechnology**
MASTER · Politecnico di Torino 🇮🇹

2016-2021 **Experimental Physics**
BACHELOR · University of Turin 🇮🇹

PROGRAMMING



CERTIFICATES & GRANTS

2021 | IELTS Academic 7.5
2023 | Applied AI with DeepLearning (IBM)
2023 | Fundamentals of Reinforcement Learning

LANGUAGES

Italian	-	Native
English	C2	● ● ● ●
Spanish / German	A1	● ● ● ●
Swedish	A2	● ● ● ●

CONTACTS REFERENCE

Marco Marchetti	Contact
Massimiliano Garruzzo	Contact
Vladimir Krasnov	Contact
Razmik Hovhannisyan	Contact
Carlo Ricciardi	Contact

PUBLICATIONS

2020 | *Algorithmic applications on personal healthcare devices*, University of Turin, Link
2024 | *Delay-insensitive Superconducting Logics*, Stockholm University, (not finished yet)

SKILLS

Python	SQL	Data Mining	Java	C++	Big Data Analytics	Analog/ Digital Signal Processing	Apache Spark
Machine Learning	Fourier Analysis	Dynamic Modeling	Autonomous Vehicles	Reinforcement Learning			
Computer Vision	Jupyter	Amazon Sagemaker	Predictive Analytics	Applied Mathematics	Visual Studio		
OpenCV	Pattern Recognition	Data Cleaning	Data Engineering	NLP	Statistical Modeling	GitLab/ GitHub	
Agile Software Development	Voice/ Speech Recognition	Generative AI					

EXTRA INFO

Personal Data Processing	I authorize the processing of personal data contained in my curriculum vitae based on art. 13 of the Legislative Decree Legislative Decree 196/2003 and art. 13 of EU Regulation 2016/679 relating to the protection of natural persons with regard to the processing of personal data.
Driving License	A (Motorbikes) & B (Car)