



Giorgia Vitanza

Scholarship winner at Edgemony

 16 November 1995

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About me

I am Giorgia Vitanza. I am a Ph.D. in mathematics and computational science and my Ph.D. thesis deals with the modeling of charge transport in semiconductors and the simulation of semiconductor devices. Currently I am attending a Coding AI Bootcamp thanks to Edgemony that selects me as a scholarship winner, in order to explore new job opportunities.

Skills

Comunication

Problem solving

Team work

Modeling and simulations

Mathematics and Data Analysis

R, Python , Matlab

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

I'm interested in R&D in the fields of mathematics, computer science, and artificial intelligence. My strength is my ability to learn very quickly, my weakness is perfectionism. I am open to collaborate with mathematicians and engineers because I love the team work.

Experience

2024	University of Enna "Kore"	Enna
	<ul style="list-style-type: none">• Research fellow• Teaching activities• Team work• Simulation and optimization of traffic flow	
2022-2023	ST Microelectronics	Prague
	<ul style="list-style-type: none">• Research activity• Team work• Python coding• Optimization and automation of the design for analog and digital devices	
2021-2022	University of Catania	Catania
	<ul style="list-style-type: none">• Teaching activities• Mathematical analysis• Coordination and organization skills developed	
2020	Generali Business Solutions	Mogliano Veneto
	<ul style="list-style-type: none">• Front end developer• Team work• Testing and developing mobile app	
2019	ST Microelectronics	Catania
	<ul style="list-style-type: none">• Stage• Team work• Master thesis about big data and statistics in order to analyze the production flow of SiC devices.	

Education

2025	Scholarship winner	Edgemony
	Coding AI Bootcamp in collaboration with Vedrai and Aitho.	
2020-2024	Ph.D in Mathematics and Computational Science	University of Catania (Palermo/Messina)
2017-2019	Master Degree in Mathematics	University of Catania
	110/110 e lode.	
2014-2017	Bachelor degree in Mathematics	University of Catania
	110/110 e lode.	

Languages

- Italian: Mother tongue
- English: B2
- French: A2

Hobbies

I like reading, writing, and new challenges. Music, dance and singing are my hobbies.