





Gaston Mazzei

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Relevant Work Experience (list of recommendations)

C++ Developer (Intern)	Laboratoire Interdisciplinaire des Sciences du Numérique (LISN)	01/22 - 05/22
Description: low-level integration of machine-learning pipeline and computer graphic algorithms for physics-based augmented reality use-cases		
Network Automation & Optimization Engineer	Iqual Networks Inc	01/21 - 08/21
Description: post-sales pipeline customization and support for SaaS clients, including API design, data analytics algorithms and NoSQL databases		
Physics Machine Learning Developer (Intern)	International Center for Advanced Studies (ICAS)	03/20 - 12/20
Jr Business Intelligence Analyst	Kosten Aike Hotel	11/18 - 11/19
Microfluidic Technician (Intern)	National Atomic Energy Commission (CNEA)	07/17 - 07/18

Academics

MSc – QDCS <small>(M1, 9.0/10)</small>	Université Paris-Saclay 	09/21 - 04/22
Description: Master M1 in Quantum & Distributed Computing, sponsored by the French Quantum Technologies Scholarship.		
TALENT	ECT* 	07/21
Description: Summer school on Machine Learning applied to physics, at the European Centre for Theoretical Studies in Nuclear Physics		
BSc + MSc – Physics <small>(8.5/10)</small>	Universidad de Buenos Aires 	03/15 - 12/20
Description: 5-year degree called “Licenciatura en Ciencias Fisicas”, internationally equivalent to a Bachelor + Master degree in Physics.		
BSc – Experimental Physics <small>(8.2/10)</small>	Universidad de Buenos Aires 	03/15 - 08/20
Description: 4-year degree internationally equivalent to a Bachelor in Experimental Physics.		

Peer-reviewed Publications

AI-Friendly.com: Artificial Intelligence Made Friendly	 	ASAI JAIIO 50, 2021
Image Inpainting Applied to Art: Completing Escher’s Print Gallery		JLXAI @ ICML 2021
Delta Hedging with Transaction Costs: Dynamic Multi-Scale Strategy using Neural Nets	 	MACI VIII, 2021
Option Pricing Model with Transaction Costs	 	MACI VI, 2017

Language Skills

Mother tongue: SPANISH
Other languages:

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C1	C1	C1	C1
FRENCH	B1	B1	B1	B1	B2
ITALIAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user.

Technical Skills

Python | C++ | MPI | OpenMP | Mathematical Models | Physics | Optimization & Metaheuristics | Machine Learning | Presentations
Deep Learning | Neural Networks | Differential Equations | Game Theory | CI | Apache | Kafka | Spark | Fullstack Development | Economics

Concrete Social Skills

Dealing with Deadlines | Motivating Colleagues | Clarity during Brainstorming | Insisting with Diplomacy | Building Rapport | Sales & Clients