

Max Vilarasau Serra

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Experience

Bluecap Management Consulting <i>Associate</i>	September 2025 – Current <i>Madrid, Spain</i>
○ Developing a risk-assessment strategy for a leading Spanish bank to estimate business loan default probability and optimize lending decisions	
○ Incorporating Machine Learning techniques to design the pre-delinquency algorithm	
Riedulab <i>Analyst</i>	February 2023 – June 2023 <i>Barcelona, Spain</i> (5 months)
○ Analyzed the soft skills of 1,496 adolescent students from Spanish and Portuguese schools	
VML <i>Strategy Intern</i>	June 2022 – July 2022 <i>Barcelona, Spain</i> (2 months)
○ Came up with a key idea for a successful zero-cost advertising campaign for a multinational	

Education

Master of Science in Business Analytics – ICADE	October 2024 – July 2025
Major in Machine Learning & Artificial Intelligence	<i>Madrid, Spain</i> (1 year)
○ Honors (3): [1] <i>AI & Reinforcement Learning</i> — [2] <i>Quantitative Finance</i> — [3] <i>Thesis</i>	
○ GPA: 8.8/10.0	
Bachelor in Global Studies & Management – Ramon Llull University	September 2020 – June 2024
Major in Management & Digital Business	<i>Barcelona, Spain</i> (4 years)
○ Honor (1): [1] <i>Applied Statistics</i>	
○ GPA: 7.1/10.0	
Professional Degree in Classical Piano – Granados-Marshall Academy	September 2016 – June 2020
○ Studied under Pianist and Prof. Xavier Ricarte	<i>Barcelona, Spain</i> (4 years)

Achievements

Awarded Best Thesis during my M.Sc. studies	July 2025
○ Implemented Domain Randomization in Deep Reinforcement Learning for algorithmic trading, achieving higher returns by enhancing the model's generalization → tinyurl.com/DR4DRL	<i>Madrid, Spain</i>
Jiu-Jitsu Blue Belt under Robin Gracie	February 2024
○ Jiu-Jitsu Blue Belt awarded by Robin Gracie, son of Hélio Gracie; founder of Brazilian Jiu-Jitsu	<i>Barcelona, Spain</i>
Co-authored a Scientific Publication on a Q2 Journal	July 2023
○ Investigated the role that Emotional Intelligence played in Anomalous Cognitions through Structural Equation Modeling → doi.org/10.1016/j.explore.2023.07.008	<i>Barcelona, Spain</i>

Extracurricular Activities

Board Member & Reviewer at 'Anomalistics'	October 2024 – June 2025
○ Reviewed the quantitative procedures; ensuring statistical and methodological soundness	<i>Madrid, Spain</i> (9 months)
Classical Pianist	July 2023
○ Performed at the Isaac Albéniz Music Festival alongside other professional musicians	<i>Camprodon, Spain</i>
Piano Teacher	September 2020 – June 2024
○ Taught elementary level students and amateur musicians in Classical Piano	<i>Barcelona, Spain</i> (4 years)

Skills, Languages & More

Tech Skills	Industry Skills	Languages	Hobbies & Interests	Sports
Python	Machine Learning	Spanish (native)	Classical Music	Judo
Linux/Unix	Artificial Intelligence	English (native)	Classical Literature	Jiu-Jitsu
Git	Excel & PowerPoint	Catalan (native)	Watch Manufacturing	Wrestling
LaTeX	Econometric Analysis	French (B2)	Strategy Board Games	Grappling