

Max Vilarasau Serra

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ABOUT

I'm a data-driven professional with a background in Strategy Consulting and Finance. I specialize in structuring ambiguous problems, distilling complex data into clear recommendations, and delivering measurable impact through rigorous analysis that solves clients' most pressing business challenges.

EXPERIENCE

- **Bluecap Management Consulting** Madrid, Spain
Strategy Associate *September 2025 – Current*
 - Designed a risk-assessment framework for a leading Spanish bank that grew its business loan portfolio by 10-20% while maintaining the original default rates, optimizing lending decisions
- **Riedulab** Barcelona, Spain (Remote)
Research Assistant *February 2023 – June 2023*
 - Conducted the analysis to evaluate how soft skills development impacted on academic performance, informing educational innovation strategies to "la Caixa" → doi.org/10.1016/j.stueduc.2022.101155
- **VML** Barcelona, Spain
Strategy Intern *June 2022 – July 2022*
 - Worked in the development of a successful zero-cost advertising campaign for a multinational company

EDUCATION

- **Master of Science in Business Analytics – ICADE** Madrid, Spain
Major in Machine Learning & Artificial Intelligence → GPA: 8.8/10.0 *October 2024 – July 2025*
 - Honors: 1. AI & Reinforcement Learning; 2. Quant Finance; and 3. Thesis
- **Bachelor in Global Studies & Management – URL** Barcelona, Spain
Major in Management & Digital Business → GPA: 7.1/10.0 *September 2020 – June 2024*
 - Honors: 1. Applied Statistics
- **Professional Degree in Classical Piano – Marshall Academy** Barcelona, Spain
Studied under Pianist and Prof. Xavier Ricarte *September 2016 – June 2020*

ACHIEVEMENTS

- **Awarded best thesis during my M.Sc. studies:** Implemented Domain Randomization in Deep Reinforcement Learning for algorithmic trading, achieving higher returns by enhancing the model's generalization → tinyurl.com/DR4DRL
- **Jiu-Jitsu blue belt under Robin Gracie:** Jiu-Jitsu Blue Belt awarded by Robin Gracie, son of Hélio Gracie; founder of Brazilian Jiu-Jitsu → tinyurl.com/Fa1xa
- **Co-authored a JCR research paper:** Found correlation measures between Emotional Intelligence and Anomalous Cognitions through Structural Equation Modeling → doi.org/10.1016/j.explore.2023.07.008

SKILLS, LANGUAGES & MORE

- **Tech Skills:** Python; Linux/Unix; Git; and L^AT_EX
- **Industry Skills:** Excel; PowerPoint; Artificial Intelligence; and Machine Learning
- **Languages:** Spanish (native); English (native); Catalan (native); and French (advanced)
- **Hobbies, Interests & Sports:** Classical Music; Judo; Jiu-Jitsu; Grappling; and Wrestling