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 LaTeX

- **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