

# Max Vilarasau Serra

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## EXPERIENCE

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- **Bluecap Management Consulting** Madrid, Spain  
*Strategy Associate* *September 2025 – Current*
  - Developing a risk-assessment strategy for a leading Spanish bank to estimate business loan default probability and optimize lending decisions
- **Riedulab** Barcelona, Spain  
*Analyst* *February 2023 – June 2023*
  - Analyzed the soft skills of 1,496 adolescent students from Spanish and Portuguese schools
- **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

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- **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.** Quantitative 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

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- **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](https://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](https://tinyurl.com/Fa1xa)
- **Co-authored a Scientific Publication:** Investigated the role that Emotional Intelligence played in Anomalous Cognitions through Structural Equation Modeling → [doi.org/10.1016/j.explore.2023.07.008](https://doi.org/10.1016/j.explore.2023.07.008)

## SKILLS, LANGUAGES & MORE

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- **Tech Skills:** Python; Linux/Unix; Git; and L<sup>A</sup>T<sub>E</sub>X
- **Industry Skills:** Excel; PowerPoint; Artificial Intelligence; and Machine Learning
- **Languages:** Spanish (native); English (native); Catalan (native); and French (advanced)
- **Hobbies & Interests:** Classical Music; Finance; and Strategy Board Games
- **Sports:** Judo; Jiu-Jitsu; Grappling; and Wrestling