

# Max Vilarasau Serra

+34 636 390 645  
Madrid, Spain

Max.Vilarasau@gmail.com  
MaxVilarasau.com

linkedin.com/in/MaxVS  
github.com/MaxVilarasau

## Experience

### Bluecap Management Consulting

#### Associate

September 2025 – Current

Madrid, Spain

- Developing a risk-assessment strategy for a leading Spanish bank to estimate business loan default probability and optimize lending decisions

### Riedulab

#### Analyst

February 2023 – June 2023

Barcelona, Spain (5 months)

- Analyzed the soft skills of 1,496 adolescent students from Spanish and Portuguese schools

### VML

#### Strategy Intern

June 2022 – July 2022

Barcelona, Spain (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

Major in Machine Learning & Artificial Intelligence

October 2024 – July 2025

Madrid, Spain (1 year)

- Honors (3): [1] *AI & Reinforcement Learning* — [2] *Quantitative Finance* — [3] *Thesis*
- GPA: 8.8/10.0

### Bachelor in Global Communication & Management – Ramon Llull University

Major in Management & Digital Business

September 2020 – June 2024

Barcelona, Spain (4 years)

- Honor (1): [1] *Applied Statistics*

GPA: 7.1/10.0

### Professional Degree in Classical Piano – Granados-Marshall Academy

September 2016 – June 2020

Barcelona, Spain (4 years)

- Studied under Pianist and Prof. Xavier Ricarte

## Achievements

### Awarded Best Thesis during my M.Sc. studies

July 2025

Madrid, Spain

- 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

February 2024

Barcelona, Spain

- Jiu-Jitsu Blue Belt awarded by Robin Gracie, son of Hélio Gracie; founder of Brazilian Jiu-Jitsu

### Co-authored a Scientific Publication on a Q2 Journal

July 2023

Barcelona, Spain

- 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)

## Extracurricular Activities

### Board Member & Reviewer at 'Anomalistics'

October 2024 – June 2025

Madrid, Spain (9 months)

- Reviewed the quantitative procedures; ensuring statistical and methodological soundness

### Classical Pianist

July 2023

Camprodon, Spain

- Performed at the Isaac Albéniz Music Festival alongside other professional musicians

### Piano Teacher

September 2020 – June 2024

Barcelona, Spain (4 years)

- Taught elementary level students and amateur musicians in Classical Piano

## Skills, Languages & More

### Tech Skills

Python  
MS Office  
LaTeX  
Git

### Industry Skills

Machine Learning  
Artificial Intelligence  
Econometric Analysis  
Financial Modeling

### Languages

Spanish (native)  
English (native)  
Catalan (native)  
French (B2)

### Hobbies & Interests

Classical Music  
Classical Literature  
Watch Manufacturing  
Strategy Board Games

### Sports

Judo  
Jiu-Jitsu  
Wrestling  
Grappling