

Max Vilarasau Serra

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Education

M. Sc. in Business Analytics – ICADE

Major in Machine Learning & Artificial Intelligence

◦ Distinctions (3): [1] *Artificial Intelligence & Reinforcement Learning* – [2] *Quantitative Finance* – [3] *Thesis*

◦ GPA: 8.8/10.0

October 2024 – July 2025

Madrid, Spain (1 year)

B. A. in Global Communication & Management – Ramon Llull University

Major in Management & Digital Business

◦ Distinction (1): [1] *Applied Statistics*

◦ GPA: 7.1/10.0

September 2020 – June 2024

Barcelona, Spain (4 years)

Professional Degree in Classical Piano – Granados-Marshall Academy

◦ Studied under Pianist and Prof. Xavier Ricarte

September 2016 – June 2020

Barcelona, Spain (4 years)

Work Experience

Reimagine Education (an education transformation consultancy) – Data Consultant (Intern)

◦ Analyzed the Soft Skills of 1,496 students from Spanish and Portuguese schools

◦ Found that Critical Thinking and Teamwork strongly correlated with academic performance

◦ Advocated for an education-based program that reinforced those Soft Skills

February 2023 – June 2023

Barcelona, Spain (5 mos)

VML (a 360 marketing consultancy) – Strategy Associate (Intern)

◦ Worked on a project commissioned by TostaRica in which I came up with the key idea for a successful zero-cost advertising campaign, later implemented in the Doraemon 2023 Spring campaign

◦ Learned marketing strategies like Market Research, Campaign Planning, and Budget Allocation

June 2022 – July 2022

Barcelona, Spain (2 mos)

Smileline Clinic (an orthodontics clinic) – Salesman (Part Time)

◦ Sold orthodontic treatments while completing my Classical Music studies

September 2018 – July 2020

Barcelona, Spain (2 years)

Achievements

Awarded Best Thesis during my M. Sc. studies (graduate level dissertation, code available on github)

◦ Implemented the Domain Randomization technique for algorithmic trading in 30 Dow Jones stocks

◦ Obtained higher returns than without implementing Domain Randomization → tinyurl.com/DR4DRL

July 2025

Madrid, Spain

Awarded Best Unsupervised Machine Learning Project during my M. Sc. studies (available on github)

◦ Developed an *Affinity Test* for ICADE 2024-2025 Master's students from different programs

◦ Applied clustering techniques to group unacquainted students to promote networking

February 2025

Madrid, Spain

Jiu-Jitsu Blue Belt under Robin Gracie

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

February 2024

Barcelona, Spain

Co-authored a Scientific Publication on a Q2 Journal (peer-reviewed article)

◦ Investigated the role that Emotional Intelligence played in Anomalous Cognitions through Structural Equation Modeling; we found associations between them → doi.org/10.1016/j.explore.2023.07.008

July 2023

Barcelona, Spain

Extracurricular Activities

Board Member & Reviewer at 'Anomalistics' (a journal of frontier science)

◦ Reviewing the quantitative procedures, ensuring statistical, mathematical and methodological soundness

◦ Taking part in the appearance, aesthetics, strategy, positioning, scope, and imagery of the journal

September 2024 – Current

Madrid, Spain

Classical Pianist

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

July 2023

Camprodon, Spain

Piano Teacher

◦ Taught Elementary level students and amateur musicians in Classical Piano

September 2020 – June 2024

Barcelona, Spain (4 years)

Skills, Languages & More

Hard Skills

Python (ML & AI)

Prompt Engineering

Microsoft Office

LaTeX & Git

Soft Skills

Leadership

Adaptability

Problem Solving

Critical Thinking

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