# Fabián Vagnoni

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Eligible to sign an internship agreement via IE University | European Nationality

## PROFESIONAL SUMMARY

Committed and curiosity-driven data expert with multi-cultural background pursuing his passion in data science and innovation. Main focus is in the convergence between state of the art deep learning and generative AI with real-world applications.

## EDUCATION

**IE UNIVERSITY**                                                                                                          **Madrid, Spain**
**Dual Degree in Data Science and Business Administration**                        **Expected:  July 2026**

- **GPA** so far: **9.37/10** | Ranked among **top 5%** of cohort
- Member of The **Honors Program** & Recipient of The **High Potential Scholarship**
- **Relevant Courses:** Time Series Analysis, Machine Learning, Advanced Databases, Network Science, Stream Analytics, Natural Language Processing (NLP), Recommendation Engines, Operating System & Parallel Computing

**NANYANG TECHNOLOGICAL UNIVERSITY**                                                                **Singapore**
**Exchange Semester on Data Science & Economics Major**            **August 2024 – December 2024**

- **GPA:** 4.7/5
- **Relevant Courses:** Simulation Techniques in Finance, Deep Learning, Computer Vision, Human-Computer Interaction

**BROWN UNIVERSITY**                                                        **Providence, Rhode Island, U.S.**
**Intensive course in Entrepreneurship & Innovation**                                                      **July 2022**

- Developed a product plan to be presented to **Hasbro, Inc.**
- Studied the nature and social impact innovations in society

## RELEVANT EXPERIENCE

**Grupo SEPCAN, S.L.**                                                                                                      **Remote**
Full-Stack Data Engineer                                                              **January 2025 – July 2025**

- Gathered feedback about challenges faced by the firm, leader in maritime services at the Canary Islands, to create a **user-centered solution**
- Designed, Built & Deployed a **functional platform** for the **digitalization** of key activities of SEPCAN and for the management of its car fleet based on **Azure Cloud** and utilizing SQL, a Python backend and React+Vite frontend
- Implemented an **AI Agent for tasks automation and natural-language querying of the database** for non-technical users leveraging **Google's Agent Development Kit (ADK)**
- Developed a **real-time dashboard** to facilitate the visualization and management of SEPCAN's operations utilizing **PowerBI**

**StoryTwist App**                                                                                                          **Remote**
Software Developer | Personal Venture                                                              **September 2024**

- Developed **app's backend** using Python & TypeScript, and the app's **pricing model**
- **Launched**, with co-developer, an app that allows users to immerse themselves in tailored interactive stories

**Deutsche Bank**                                                                                                          **Remote**
Investment Banking Lab via IEU                                                        **January 2022 – July 2022**

- Analyzed financial and market data to develop personalized portfolios leveraging Excel
- Presented two customer-focused portfolios to Deutsche Bank Wealth Management executives

## EXTRA-CURRICULAR ACTIVITIES

- **Class Representative:** Elected Spokesperson for a cohort of sixty students for four consecutive years. (September 2021 – Present)
- **Winner of the IE x AWS Cloud Innovation Challenge:** Designed a customer-centered and AI-driven cloud solution for a fast-growing e-commerce platform and presented it to AWS' solutions architects and demand generation experts. (February 2025)

## ADDITIONAL INFORMATION

- **Languages:** Spanish (Native | C2), English (Advanced | C2), Italian (Basic Professional Level | B2)
- **Coding Skills:** Advanced user of Python (Libraries: PyTorch, TensorFlow, Sklearn, Pandas, Scipy, HuggingFace models for fine tuning, among others); Intermediate user of R, SQL, Git, GitHub, MATLAB, Azure Cloud; Basic user of Google Cloud, Spark, Kafka.
- **Hobbies:** Enthusiastic reader focused on universal Literature and Philosophy, and awarded writer. Also, highly invested in geopolitics & economics while informed by financial newspapers, and in deep learning research through publications.