GUILLERMO FRANCO

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LinkedIn
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SOFTWARE ENGINEER | MSC. ARTIFICIAL INTELLIGENCE STUDENT

PROFESSIONAL EXPERIENCE

Microsoft Ireland | Software Engineer Intern | Identity & Network Access Team
June 2026 - September 2026 & June 2025 - September 2025

- Security & PKI Engineering: Engineered scalable, asynchronous Public Key Infrastructure solutions within the Microsoft Azure Security ecosystem, collaborating with distributed engineering teams across US and EMEA time zones.
- Global Interns Hackathon 2026 Winner (1st Place): Led a distributed engineering team across Ireland, the US, and India to build *Canvas for Copilot* project, a set of MCP tools that enable developers to interact with AI agents via visual diagrams boosting engineering productivity.

Eventum | Founder & Lead Software Engineer
2024 - Present

- Founded and engineered an offline-first handball performance and video analytics platform
- Scaled the product to 200+ active coaches across 4 countries.
- Local-First & Real-Time Architecture: Offline-first Flutter/Dart monorepo (MVVM + Riverpod + Hive) featuring multi-tenant real-time collaborative editing, LWW conflict resolution, event deduplication, and incremental Firebase synchronization.
- DevOps, Cloud & Quality Assurance: Maintained tests covering real persistence and Firestore security rules, automating multi-platform CI/CD releases.

Sports Management & Leadership | Certified Handball Coach
2020-Present

- Managed and coached youth handball teams in high-stakes competitive environments, applying real-time tactical decision-making, conflict resolution, and structured periodization strategies.

EDUCATION

MSc Artificial Intelligence | Univ. Politécnica de Madrid (Spain) | 2026-2027
BSc Computer Engineering | Univ. Politécnica de Madrid (Spain) | Dissertation: 9.7/10 | 2021-2026
BSc Computer Science (Erasmus) | Trinity College Dublin (Ireland) | 2024-2025
AI & ML Summer Courses | Riga Technical Univ. & Belgrade Univ. | Summer 2022 & 2023

SKILLS & TECHNOLOGIES

Programming Languages: Python, Java, Dart, C#, C++, JavaScript / TypeScript
Databases & Querying: NoSQL (Firestore, Hive), SQL (MariaDB, MySQL), Kusto (KQL)
Frameworks & Architecture: Flutter, .NET, React, Riverpod, MVVM, REST APIs, Local-First, Distributed Systems
AI, ML & Computer Vision: PyTorch, OpenCV, Pandas, Scikit-learn, MCP, Custom Coding Agents
Developer Tools & Cloud: Git, GitHub Actions (CI/CD), Firebase, Docker

LANGUAGES

Spanish (Native) | **English** (Advanced) | **French** (Basic)