

GORKA HERNANDEZ

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Cerdanyola del Vallès
(Barcelona)

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Education

-Degree in **computer engineering** Universitat Pompeu Fabra (UPF), Barcelona

Certifications

-Google Cloud Computing & Digitize Your Business
-Certified Drone Pilot (A1/A3) - AESA
- Finance accelerator

Languages

-Spanish: Native
-Catalan: Native
-English: Intermediate

Additional Experience

-Zara (2025) Retail assistant
-Mango (2024) Retail assistant

PROFESSIONAL PROFILE

Computer Engineering student at Pompeu Fabra University (UPF) with a strong portfolio in mobile development (iOS), process automation, and algorithmic analysis. Creator of a published App Store application and a widely recognized automation tool featured by cybersecurity expert Chema Alonso. Experienced in freelancing for business process optimization and passionate about FinTech and software engineering.

TECHNICAL SKILLS

-**Coding languages:** Python, Swift (iOS), C++, C, Java, JavaScript.
-**Mobile & Frameworks:** SwiftUI, UIKit, Xcode, Pandas, NumPy, PyAutoGUI.
-**Automation & Tools:** n8n, Git/GitHub, Linux/Bash, REST APIs, LLM.
-**Other:** Quantitative Finance Analysis, Technical SEO, CMS Management.

TECHNICAL EXPERIENCE

Automation Developer | *Barcelona Sep 2025 - Present*

-Architected and deployed a **multi-tenant n8n environment** on a VPS, managing isolated instances for secure client operations.
-Developed custom automation workflows using **JavaScript** to integrate APIs and optimize business logic.

Software Development & Automation Trainee | BancSabadell Zurich

-Supported the development of software solutions and automations tools using python to optimize internal processes and improve operational efficiency.
-Participated in the design, testing, and maintenance of applications within the Banc Sabadell - Zurich joint venture environment.

FEATURED PROJECTS

SEPE Availability Bot | *Featured by Chema Alonso ("El Lado del Mal")*

Developed a **Python** bot to automate appointment bookings.

GymTracker (iOS App) | *Available on the App Store*

Launched a native workout app using **Swift** and **SwiftUI**, implementing CoreData for local storage.

Quantitative Trading Algorithms | *Personal Project*

Developed **Python** (Pandas, NumPy) strategies to backtest technical indicators and evaluate risk-adjusted returns on financial data.