

AXEL BERRAL LOPEZ

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GITHUB: <https://github.com/axeelbl>

Interactive Portfolio / Chatbot CV: <https://axelbot.up.railway.app/>

PROFESSIONAL PROFILE

Computer Engineer with hands-on **experience in AI and Data Science**, including the **development of AI agents** and the experimentation with **machine learning algorithms**. Interested in **AI / Data Scientist roles**.

PROFESSIONAL EXPERIENCE

Software Development / AI Intern – Stikets, Igualada | June 2025 – August 2025

- Developed an **AI agent framework** in an academic environment, independently designed and implemented.
- Improved frontend and backend functionalities of the web platform.

Other Roles: Experience in **customer service and logistics** in supermarkets and warehouses (Caprabo, Mercadona, Loaner), including cashier duties, restocking, warehouse organization, and team coordination.

EDUCATION

- **Bachelor's Degree in Computer Engineering** – Universitat de Lleida (UdL), Igualada | 2022 – 2026 (Final Year Project pending)

- Specialization in Information Technologies
- **Erasmus Exchange at NTNU**, Gjøvik (Norway), 2025

- **Technological Baccalaureate**, CE Dolmen, Hospitalet de Llobregat, 2020–2022

RELEVANT PROJECTS

- **AI Agent Creation Framework**

- **AI CV Agent**

- **Tennis Match Predictor**

- **LoveLink – Recommendation-Based Social Network**

- **Personal Finance Dashboard**

- **Newspeak – Audio-Based News Social Network**

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML/CSS, Kotlin

Frameworks / Libraries: LangChain, Ollama, Pandas, Scikit-learn, Flask, Bootstrap

Databases: SQLite, PostgreSQL, Firebase, Room, Neo4j

Tools: Git, Docker, REST APIs, VS Code, Android Studio

LANGUAGES

- Spanish – Native
- Catalan – Native
- English – Professional (B2)
- Norwegian – A1

OTHERS

- Driver's License (B)
- Motorcycle License (A2)