

## AXEL BERRAL LOPEZ

Barcelona, Spain | +34 636 16 95 08 | axelberrallopez@gmail.com

LINKEDIN: <https://www.linkedin.com/in/axelbl>

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, Loanner), 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

- |                                      |   |
|--------------------------------------|---|
| - <b>AI Agent Creation Framework</b> | - <b>AI CV Agent</b>                                    |
| - <b>Tennis Match Predictor</b>      | - <b>LoveLink – Recommendation-Based Social Network</b> |
| - <b>Personal Finance Dashboard</b>  | - <b>NewSpeak – Audio-Based News Social Network</b>     |

### 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)