Biel Altimira Tarter

Manresa, Barcelona | tarteraltimirabiel@gmail.com | 640 768 754 | baltimira.me

linkedin.com/in/biel-altimira-tarter | github.com/bielupc

Education

Universitat Politècnica de Catalunya, BS in Data Science and Engineering (GCED) Sept 2022 – June 2026

Coursework: ETL, MLOps, NLP, CV, Deep Learning, Data Analysis, Optimization, Data Visualization, Signal Processing, Parallel and Distributed Computing, Probability Theory, Statistics, Algorithms & Data Structures.

Experience

Universitat Politècnica de Catalunya | Undergraduate Student Researcher Feb 2026 – June 2026

- Researched sentiment time-series aggregation frameworks for ETF price forecasting.

RSM Spain | AI Engineer (BSc Thesis) Feb 2026 – June 2026

- Built a RAG pipeline to centralize internal knowledge and accelerate client support.
- Designed analytics and observability dashboards to track system usage.
- Improved retrieval quality using RAGAS evaluation.

RSM Spain | IT Consultant Intern Sept 2025 – Feb 2026

- Automated ERP processes for clients using Oracle NetSuite scripting.
- Developed reusable frontend components for custom client dashboards.
- Analyzed blockchain data and built a PoC for crypto billing and invoicing.

Openfort | Software Engineer Intern July 2025 – Aug 2025

- Built an MCP Server for project scaffolding, management, and crypto wallet generation.
- Created samples showcasing DeFi integrations with Openfort wallets.
- Integrated fiat-to-crypto onramp functionality into a wallet-creation SDK.

Hospital Clínic | Undergraduate Data Scientist Feb 2025 – June 2026

- Developed a machine learning model to optimize treatment for COVID-19 patients.
- Deployed the models through an end-to-end platform for clinical use.
- Created a data analytics portal for patient profiling.

FIB Visiona | Frontend Engineer Apprentice Sept 2024 – June 2025

- Implemented the web application frontend serving 400+ users and 30+ partners.
- Streamlined and automated the fair's management operations.
- Provided on-site support during the live event.

Projects

B2Travel
Transforms travel-inspiration browser bookmarks into a 3D VR world, explored through an AI voice agent for real-time flight recommendations.

Tools Used: Hugging Face (CLIP), FastAPI, MongoDB & ElevenLabs

Legal Compliance Assistant
RAG-backed VS Code linter that scans code against uploaded security policies to flag compliance violations with cited explanations.

Tools Used: VS Code Extension API, TypeScript, FastAPI & LlamaIndex

Skills

Languages: Python, JavaScript/TypeScript, R, Matlab, C++, SQL

Frameworks: React, React Native, NextJS, Svelte, PyTorch, TensorFlow, PySpark, RAGAS

Databases: PostgreSQL, MongoDB, SQLite, Supabase

Tools: Docker, Git, Azure, LangChain, LangSmith, Linux, MLFlow, Airflow, FastAPI, TailwindCSS

Awards

HackUPC 2026 | 2nd prize at Skyscanner's challenge + MLH Best Use of ElevenLabs, April 2026
Hackers@UPC

LauzHack 2025 | 1st prize at the LLM x Law challenge + JetBrains Honorable Mention, Nov 2025
LauzHack Association

HackUPC 2025 | 3rd prize at Skyscanner's challenge, May 2025
Hackers@UPC

BitsxlaMarató 2024 | 1st prize at CEEISCAT's challenge, Dec 2024
Hackers@UPC

Finalist at the 22nd edition of the baccalaureate research papers awards, Mar 2023
Fundació Lacetània

Distinction in PAU, June 2022
Departament de Recerca i Universitats de la Generalitat de Catalunya

Baccalaureate Honors Distinction, June 2022
Departament d'Educació de la Generalitat de Catalunya

Bages & Moianès baccalaureate research project recognition, April 2022
Centre de Recursos Pedagògics del Bages

FIRST LEGO League | Best Scientific Innovation Project, Mar 2018
UVic

Volunteering

Data Students Association (AED), Member June 2024 – Present

- Organized Datathon FME, a data science-focused hackathon attracting 400+ participants.
- Led a beginner Git and GitHub workshop at Datathon FME 2025.
- Coordinated the development of web applications and landing pages for the organization.
- Assisted participants on-site and managed event logistics.

Certificates

Fundamentals of Blockchain Technology, RSM Nov 2025
Finance Accelerator, AmplifyME Sept 2025
Neural Networks and Deep Learning, DeepLearning.AI Feb 2025
HTML, CSS and JS Frontend Web Development Course, JEDI Junior Empresa Feb 2023
First Certificate in English, Cambridge University Press & Assessment July 2021
Elements of AI, University of Helsinki Jan 2021

Languages

Catalan (Native) | Spanish (Native) | English (Full professional proficiency)