BLANCA M BARRUFET GARBAYO

COMPUTER ENGINEERING AND BUSINESS STUDENT

Barcelona - SPAIN | blancamariabarrufet@gmail.com | www.reallygreatsite.com

I am a conscientious and enthusiastic student dedicated to every project. I enjoy teamwork for the creative growth and skill learning it brings. My empathy allows me to understand others' needs better, enabling me to offer meaningful assistance.

TECHNICAL SKILS

- C/C++
- Python
- LaTeX
- SQL
- LangGraph
- ASSEMBLY
- Java
- OOP
- MATLAB
- OFFICE-ADOBE
- Llama Index
- HTML

PERSONAL SKILS

- Problem-solving
- Communication
- Team-work
- Scrum Metodology

EXTRA-CURRICULAR

- **Mad for science program -** Mad for supercomputing is a course for baccalaureate students interested in STEM, organized by the Barcelona Supercomputing Center and Fundació Catalunya La Pedrera.
- **Can computers Do math - uab** Summer program that connects talented students with top researchers. It includes research, workshops, and science communication training, fostering critical thinking and innovation.

PROFESSIONAL EXPERIENCE

Connecthink Innovation, S.L.   **November 2025 - Present**
- Development of enterprise AI chatbots for querying and managing large-scale datasets.
- Implementation of RAG architectures using LlamaIndex, pgvector, and LangGraph.
- Integration with internal systems and optimization of semantic search and response quality.

La Salle - URL   **September 2024 - January 2026**
University collaborator as a mathematics teacher and algebra, calculus and Mathematical Fundamentals teacher assistant in the Artificial Inteligence degree

EDUCATION

Computer Engineering and business student   **Aug 2016 - Oct 2019**
University of La Salle - URL
- Strong academic focus combining software engineering, data, and business strategy.
- High workload and rigorous program requiring strong discipline, adaptability, and continuous learning.

ADDITIONAL INFORMATION

- **Languages:** Spanish-Catalan (native), English (proficiency), German (beginner)
- **Certifications:** CCNA, C2 Level English
- **Awards/Activities:** Scholarship for women in engineering, Winner of the First Lego League