# Alberto Ramírez Farfán

## Software engineer

## Objectives

My goal is to develop in dynamic work environments, quickly adapting to different challenges while applying my knowledge in software engineering and cybersecurity. I aim to improve my customer service skills, collaborate in teams, and continue learning about the tech industry to grow both professionally and personally.

## Personal Skills

Extroversion and empathy in customer interactions

High learning capacity and adaptability

Teamwork and problem-solving skills

## Languages

**Spanish:** Native Level

**English:** C1 Level

**French:** B2 Level

## Contact Information

📞 +34 687 27 84 21

✉ albertorfesp@gmail.com

## Academic Background

**Bachelor's Degree in Software Engineering**
*University of Oviedo* (2021 - Present)

- Erasmus at *Vilnius Business College* (2024 - 2025), Lithuania

**High School Studies**
*IES Antonio Gala* (2019 - 2021), Alhaurín el Grande, Málaga, Spain

## Projects

**Hotel Reservation Application**
*Java (Eclipse), WindowBuilder, OOP*
Developed a functional application with internationalization and local storage of user and reservation data.

**Image Filter Program**
*C++, Visual Studio, Linux Virtual Machine*
Created a program that applies filters like sepia and black-and-white to images passed as parameters.

**Data Structure Manager**
*Java*
Implemented nodes (BST and AVL), graphs, hash tables, and search algorithms such as backtracking and branch-and-bound.

**Personal Portfolio**
*HTML, CSS, JavaScript*
Developed a responsive web portfolio with dynamic language switching, deployed on GitHub Pages.

## Technical Skills

**Programming Languages:** Java, C++, C, C#, Python, SQL, PHP, JavaScript

**Databases:** MySQL, MariaDB

**Tools & Technologies:** Wireshark, Cisco Packet Tracer, VirtualBox, GitHub, Matlab

**Development Environments:** Eclipse, Visual Studio, Spyder, PyScripter