Álvaro Fernández Abad

Final-Year Software Engineering Student at UPM

alvaro.fernandeza@alumnos.upm.es +34 658127929 Madrid, España LinkedIn GitHub

Professional Summary

Final-year Software Engineering student at UPM with a strong academic track record (completed first 3 years with no failed subjects). Proactive and fast learner with solid foundations in Java and agile environments. Seeking an internship in Backend Development, Cloud/DevOps, or the AI Software sector to apply core engineering skills and build robust, modern architectures.

Education

Universidad Politécnica de Madrid University Entrance Exam: 13.06/14
B.Sc. in Software Engineering Madrid • Sep 2023 – Present
*** Certifications:** Completed 50-hour UPM MOOC on **Generative AI & Large Language Models (LLMs)** (2026).

IES Libertad Average Grade: 9.35/10
High School Diploma (Bachillerato Tecnológico) Carranque, Toledo • Sep 2021 – May 2023

Professional Experience

DHL Supply Chain Illescas, Toledo
Logistics & Operations Assistant Jul 2025 – Sep 2025

Arvato Illescas, Toledo
Logistics & Operations Assistant Jul 2024 – Sep 2024

Projects

Battleship_IWSIM21-07 2025
Battleship Game Application | *Java, Maven, OOP, Layered Architecture*

* Developed a modular, component-based Java 17 application utilizing a layered architecture to decouple business logic from data persistence.

* Implemented a Role-Based Access Control (RBAC) system to separate standard player capabilities from administrative analytical dashboards.

* Configured advanced Maven build cycles to handle custom multi-source dependency resolutions via local repositories.
https://github.com/alvarofdeza/Battleship_IWSIM21-07

Personal Portfolio & Digital CV 2026
* Built and deployed a lightweight portfolio prototype using Cursor, experimenting with Next.js (React) and Tailwind CSS, featuring automated CI/CD via Vercel.
https://alvarofdeza.dev/

Skills

Programming Languages
Java (Strong Core), Python, C, C++, and C#

Databases & Data Modeling
SQL (MySQL), NoSQL (MongoDB, Neo4J)

Tools & Methodologies
Agile/Scrum mindsets, Version Control (Git/GitHub), CI/CD, Object-Oriented Programming (OOP), Software Design Patterns

Languages

English
Intermediate - TOEIC Listening & Reading (B2)

Spanish
Native