



Álvaro Fernández Abad

Final-Year Software Engineering Student at UPM

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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 B.Sc. in Software Engineering * Certifications: Completed 50-hour UPM MOOC on Generative AI & Large Language Models (LLMs) (2026).	University Entrance Exam: 13,06/14 Madrid • Sep 2023 – Present
IES Libertad High School Diploma (Bachillerato Tecnológico)	Average Grade: 9.35/10 Carranque, Toledo • Sep 2021 – May 2023

Professional Experience

DHL Supply Chain Logistics & Operations Assistant	Illescas, Toledo Jul 2025 – Sep 2025
Arvato Logistics & Operations Assistant	Illescas, Toledo Jul 2024 – Sep 2024

Projects

Battleship_IWSIM21-07 Battleship Game Application <i>Java, Maven, OOP, Layered Architecture</i> * 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	2025
Personal Portfolio & Digital CV * Built and deployed a rapid, minimal portfolio prototype via prompt-driven workflows with Cursor, experimenting with AI-generated boilerplate in Next.js, React, and Tailwind CSS with automated CI/CD deployment on Vercel. https://github.com/alvarofdeza/alvaro-cv	2026

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 awareness, Object-Oriented Programming (OOP), Software Design Patterns

Languages

English Intermediate - TOEIC Listening & Reading (B2)
Spanish Native