Juan Pablo Comella

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OBJECTIVE

I am a third-year Computer Engineering student seeking a software engineering internship in the tech industry. I am passionate about mobile and desktop application development, algorithm design, and I am proficient in Java (OOP), SQL databases, and data structures. I am excited to contribute to real-world projects while learning new technologies and bringing value to the team.

EDUCATION

University of Deusto   **Sep. 2023 – May 2028**
B.Sc. in Computer Engineering   *San Sebastián, Spain*
Relevant Coursework: Programming I, II, III, IV; Databases I; Scientific and Technical Programming; Software Requirements; Algorithms; Data Structures

EXPERIENCE

FULLDATA   **July – August 2025**
Software Engineering Intern   *Maracaibo, Venezuela*

- Automated internal processes using Python, reducing manual work and improving the team's operational efficiency.
- Developed systems that automatically generated summaries of key information, supporting decision-making for supervisors.
- Collaborated on the development of the company's mobile application, contributing new features and fixing bugs.
- Implemented internal tools to monitor data and generate reports, optimizing the daily workflow.

PROJECTS

WEDO| *Java, SQLite*   **September 2024 – January 2025**

- Developed a desktop productivity application featuring habit tracking, goal management, reminders, and daily/weekly/monthly calendars.
- Designed and implemented the SQLite database schema to store user data, habits, goals, and interactions.
- Integrated JDBC for database connectivity and JavaMail for email-related functionalities.
- Worked in a team environment, contributing to the backend and improving the user experience through new feature implementations.

Document Scanner (Computer Vision)| *Python*   **November 2025**

- Built a document scanner using OpenCV in Python, capable of detecting and extracting documents from images.
- Developed a robust algorithm for identifying document edges, filtering noise and lighting variations.
- Designed a processing pipeline that locates the most relevant contour and applies a perspective transformation to produce a clean scan.

TECHNICAL SKILLS

Programming: Java, Python, TypeScript, C/C++, MySQL, PostgreSQL, HTML, CSS, R
Frameworks: JUnit, Spring, Flask, React Native, Next.js
Tools: Anaconda, Git, Docker, VS Code, Figma, Microsoft Suite
Languages: Fluent in Spanish and English, conversational in French

EXTRACURRICULAR

Vichy Academic and Technological Center   **Summers 2021 & 2022**

- Spent 3 months learning the French language and culture, reaching a conversational level.