PABLO SÁNCHEZ TRONCOSO

4th year student in Computer Engineering

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SUMMARY

Final-year Computer Engineering student. **Native Spanish speaker** with **C1 level in English** (Grade A in the First Certificate in English, University of Cambridge).

Academic record includes five honors in advanced courses such as *Data Mining*, *Bioinformatics*, and *Business Intelligence*.

Early teaching experience: **tutored peers** in core subjects, achieving honors in *Programming Fundamentals,* and *Computer Fundamentals*.

PROFESSIONAL EXPERIENCE

Private Tutor – Python, Java, and C

October 2021 – May 2022

- Delivered individual programming lessons to beginner and intermediate students.
- Explained key concepts such as control structures, object-oriented programming, and best coding practices.
- Designed and solved practical exercises to reinforce understanding and improve problem-solving skills using computing principles.
- Achieved measurable improvement in students' academic performance.

Student Intern

December 2023 – May 2024

- Assisted with teaching and research tasks in the Computer Science department.

EDUCATION

Bachelor's Degree in Computer Engineering, major in Information Systems

September 2021 – Present, Pablo de Olavide University, Spain

SKILLS

Programming Languages: Python, Java, C, C#, JavaScript, PHP, Bash, Arduino, ARM Assembly.

Web Development: Django, Laravel, Node.js, Astro, Bootstrap, HTML / CSS / JavaScript.

Data Science & Machine Learning: Pandas, Polars, NumPy, scikit-learn, TensorFlow, Streamlit, KNIME.

Parallelization & High-Performance Computing: OpenMP, MPI, CUDA.

Databases: PostgreSQL, MySQL, SQLite.

Tools & Frameworks: Git, Docker, Podman, Odoo, Unity, UML.

Additional Competencies: Software architecture, project analysis, project design, project planning, project management, embedded systems, distributed systems.

Teamwork: Participated in over 10 group projects of 2 to 6 members throughout the degree, achieving consistently high or excellent grades in all of them.

Languages: Native Spanish, English C1.