



DANIEL ARGUDO LOPEZ

PROFESSIONAL SUMMARY

Dedicated and responsible final-year student of Industrial Electronics and Automation Engineering at UPV. Specializing in computer vision and localization for aerial and terrestrial robots. Passionate about cutting-edge technology in robotics, domotics, and medical applications, with a strong interest in microelectronic circuit and system design. Seeking an internship to apply technical skills in a demanding R&D environment.

CONTACT

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EDUCATION

2022 – Present

Universitat Politècnica de València (UPV) | Valencia, Spain. Bachelor's degree in industrial Electronics and Automation Engineering | 2022 – Present (Expected graduation: 2026).

- High Honors (Matrícula de Honor) in 6 subjects, including Electronic Instrumentation and Industrial Automation.

2020 - 2022

IES Districte Maritim | Valencia, Spain. *High School Diploma (Bachillerato)*.

- Graduated with High Honors (Matricula de Honor)

2021 – 2022

Erasmus+ Project: "Robots Go Green" | Participated in the international collaborative design of an automated greenhouse system, focusing on sustainability and robotics integration.

TECHNICAL SKILLS

- **Programming & Data:** C, Python (including Computer Vision libraries), MATLAB/Simulink, Lua, RStudio.
- **Electronics & Design:** Embedded Systems, High & Low Power Circuit Design, CAD (AutoCAD), CAE (Proteus, NI Multisim).
- **Robotics & Automation:** PLCs (Ladder, SFC programming), Anthropomorphic Robots, 3D Simulation (CoppeliaSim), Robot Localization.
- **Software:** Microsoft Office Suite (Word, Excel, PowerPoint).

LANGUAGES

English: Advanced (C1 Level) | Cambridge B2 First - Score 180/190

Valencian/Catalan: Native

Spanish: Native