Benjamín Muñoz

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EDUCATION

Florida Universitaria   Sep. 2021 – Present
Industrial and automatic electronic engineering   *Spain*

Florida Universitaria   Sep. 2019 – May 2021
Superior Module in Automation and Industrial Robotics   *Spain*
- Ladder Programming Language (TIA Portal), HMI Programming, Programming for KUKA KR6 AGILUS, C/C++.

RELEVANT PROJECTS

Monitoring of Energy Resources Via LoRa | *Energy Student*   Dec – 2023
- Design of a portable station capable of monitoring environmental data and transmitting it via LoRa to a gateway.

Hydroponic Greenhouse | *Florida Universitaria*   Feb – 2021
- Design of an automated hydroponic greenhouse with robotic harvesting: Soilless cultivation, precise environmental control, and a robotic arm for crop collection.

EXPERIENCE

Avionics Engineer   Nov 2024 – Present
Faraday Rocketry UPV | UPV   *Valencia, Spain*

Telecommunications Manager   Sep 2023 – Sep 2024
Energy Student | Florida Universitaria   *Valencia, Spain*
- Design of custom radiofrequency equipment using LoRa technology.

Wind Energy Team Member   Sep 2022 – Jul 2023
Energy Student | Florida Universitaria   *Valencia, Spain*
- Characterization of commercial wind turbines.

Technical Solutions Assistant   Mar 2021 – Jun 2021
Optimiza Tecnología S.L.   *Valencia, Spain*
- Technical solutions for Bankia.
- Anti-theft alarm circuit installation.
- Security camera IP configuration.
- Electronic lock replacement.

SKILLS

Languages: Python, C/C++, VHDL, LaTeX.
Idiom: Spanish, Valencian, English.
Software Proficiency: PSIM, Altium, VSCode, Matlab.
Soft Skills: Communication skills, Teamwork, Problem-solving, Creativity, Lifelong learning.