Daniel **Carrión**

Engineer & Designer

About me

Electronics, robotics and mechatronics engineer with extensive experience in various programming and simulation environments as well as with CAD design tools. I am passionate about SoC and web programming, 3D design and everything related to the IoT world.

personal

Daniel Rodríguez Carrión
Nationality: Spanish 1997

Areas of specialization

Programming · IoT · PCB Design · 3D Design · Robotic · Control

Interests

Travel, cooking, programming, design things, 3D world, reverse engineering, trekking, problem-solving, adaptability, cultural sensitivity

Interests

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C/C++ / MATLAB / Linux
Catia v5 / HTML / JSON
JavaScript / IoT / Sensors
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@ makedir3d@gmail.com

DaniCampusIoT

SHORT RESUMÉ

2019–2020	**Administrative Assistant**
	WORKER · SITER 2000 📍
	Employed at SITER 2000 where I learned to edit and review project documentation as As-built from companies related to the installation of PAs in schools and public spaces.
2022–2023	**Technical staff**
	PROGRAMMER · COMPUTERS ARCHITECTURE DEPT., UMA 📍
	I work as technical staff in the HORTSOST II project of the SMART-CAMPUS own plan of the University of Malaga
2023–2024	**Senior Research Graduate**
	RESEARCHER · COMPUTERS ARCHITECTURE DEPT., UMA 📍
	I work as a researcher on topics related to high performance computing (RISC-V) and IoT focused sensor devices (radars, network topologies).
2024–09/24	**Research personnel training in internships**
	RESEARCHER · COMPUTERS ARCHITECTURE DEPT., UMA 📍
	I continue my work as a researcher on topics related to high performance computing (RISC-V) and IoT focused sensor devices (radars, network topologies)

DEGREES

2021	**Grad. Electronic engineering, robotics and mechatronics**
	B.E. · University of Seville-Malaga 🏛
2023	**Master in Mechatronics Engineering**
	M.A. · University of Malaga 🏛
2023	**PjM**
	M.A. · EUROINNOVA BUSINESS SCHOOL 🏛

SKILLS

C/C++	████████
CATIA V5	████████
Robotic	████████
Electronic	████████
Control	██████

CERTIFICATES & AWARDS

2019	RPAS pilot and RB
2020	Full-stack certificate
2022	2nd prize Bizintek 22/23 EDP

PUBLICATIONS

2024	"Auto-configurable wireless sensor network for edge computing", Spanish Congress of Informatics.

LANGUAGES

Spanish	C2	mother tongue
English	B2	● ● ● ○

TALKS

Jun. 2024	"Auto-configurable wireless sensor network for edge computing", at: *Spanish Congress of Informatics* in A Coruña, Jun. 2024.