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

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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 — **Researcher**
Programmer · 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).

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

Skill	
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

Languages

Spanish	C2	mother tongue
English	B2	● ● ● ◌

Publications

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

Talks

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

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