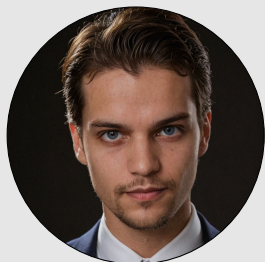# Daniel **Carrión**
Engineer & Designer

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

```
C/C++ / MATLAB / Linux
Catia v5 / HTML / JSON
JavaScript / IoT / Sensors
```

@ 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).

2024–2024 — **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

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.

Daniel Carrión ✉ makedir3d@gmail.com Sta. Cruz de Tenerife 📞 (+34) 722 67 89 59
@ https://danicampusiot.github.io/