

Marcos Oriol Pagonabarraga

Neuroengineer & Software Engineer



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I am a restless individual with a strong interest in neuroscience.
I am eager to keep growing and developing myself by diving into
new research and connecting with others who share my passion.

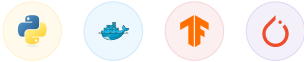
Career History

AI - ML Engineer

IDNEO Technologies Inc.

Barcelona, Spain (2024 - present)

Development of AI models for embedded systems in the automotive industry, including data collection, model training, and deployment.



Software Engineer Collaboration

PRBB - Hospital del Mar

Barcelona, Spain (2024 - 2025)

Use of focused ultrasound for spinal cord neuronal stimulation.



Neuroengineering Research Intern

i3S

Porto, Portugal (Feb 2024 - Jun 2024)

Development of neuron models for detection of patterns associated with memory in the hippocampus of mice. The neuron model was then mapped to neuromorphic hardware.



Projects

DataVizPro

Interactive data visualization platform

Marcos/repo-datavizpro

Initial release

Oct 10 on main



portfolio

marcos.oriol-tech.com

MarcosOriolPago/portfolio

feat: changed profile photo

Oct 14 on main



Education

M.Sc. Neuroengineering

Universidad Polit cnica de Catalu a (UPC)

Sep 2025 - Jan 2027

B.Sc. Bioengineering

Universidad Internacional de Catalu a (UIC)

Sep 2020 - Jun 2024

High School - Technology

Viaro Global School

Sep 2018 - Jun 2020

Capabilities

Technologies

Frontend



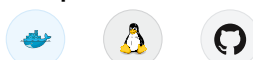
Backend



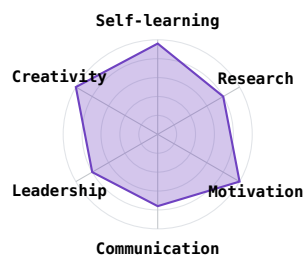
AI / ML



DevOps & Tools



Skills



Languages

Spanish Native

English Proficient (C1)

Portuguese Basic