



Marcos Oriol Pagonabarraga

Neuroengineer & Software Engineer

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Passionate software engineer focused on AI/ML and modern web technologies. I enjoy building clean architectures and great developer experiences.

Capabilities

Technologies

Frontend



Backend



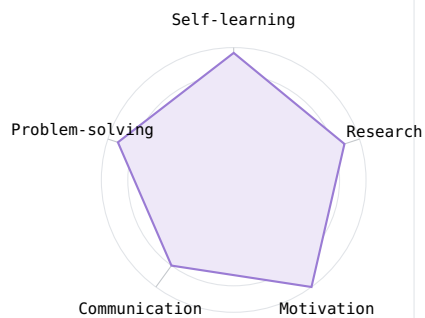
AI / ML



DevOps & Tools



Skills



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 memory-associated patterns 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