



# Marcos Oriol Pagonabarraga

Neuroengineer & Software Engineer

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## About

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.

## Capabilities

### Technologies

#### Frontend



#### Backend



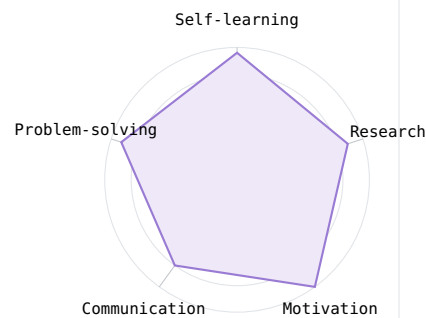
#### AI / ML



#### 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 (FUS) for spinal cord neuronal stimulation.



### Neuroengineering Research Intern

i3S  
Porto, Portugal (feb 2024 - jun 2024)  
Development of neuron models for detection of memory associated pattern 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

### B.Sc. Computer Science

University of Example  
2018 - 2022