



Juan GARRIDO OLIVER

BIOMEDICAL ENGINEER / RESEARCHER

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PROFILE

Researcher in cardiovascular imaging and artificial intelligence at Vall d'Hebron Institut de Recerca thanks to Joan Oró FI AGAUR grant. I have published several publications in medical imaging, cardiology and cardiac surgery Q1 journals, one as first author. I have participated in different national and international projects funded by public institutions such as Ministerio de Ciencia e Innovación, Sociedad Española de Cardiología or the European Commission.

EDUCATION

PhD. in Medicine - Cardiovascular risk

Universitat Autònoma de Barcelona

2022-Present

MSc. in Computational Biomedical Engineering

Universitat Pompeu Fabra

2020- 2021

BSc. in Biomedical Engineering

Universitat de Barcelona

2016- 2020

Erasmus+

Chalmers Tekniska Högskola

January 2019 - June 2019

EXPERIENCE

Medical image researcher

2021 - Present

Vall d'Hebron Institut de Recerca (VHIR), Barcelona, Spain

Application of deep learning techniques to image analysis for different aortic diseases, with special focus on patients with endovascular aortic repair and computed tomography

Laboratory technician

Jan. 2020 - Jul. 2020

IDIBAPS - Hospital Clínic, Barcelona, Spain

Support technician in neuroscience research projects, building and automatizing experimental areas to improve ethical concerns in animal experiments.

HARD SKILLS

- Coding languages: Python, MATLAB, R
- HPC environments
- Medical imaging: 3DSlicer, ITK-SNAP, Paraview
- Deep learning frameworks: Pytorch

SOFT SKILLS

- Ability to work in inter-disciplinary groups
- Self-motivated and able to work independently
- Spanish, Catalan, and English speaker
- Research oriented mindset