



RICARDO AMARAL NUNES

INFORMATICS AND COMPUTER ENGINEERING STUDENT

PERSONAL PROFILE

I'm a student of Informatics and Computer Engineering at FEUP, Oporto-Portugal. Although I live in Oporto, I was born and raised in a small island called São Miguel, in Azores. During the past few years, I developed interest in Data Science, most specifically in Machine Learning. I participated as an intern in INESC TEC Summer Internship 2020, where I developed a spiking neural network. I worked in a project using OpenMv Cam to construct a robot that follows a line and recognizes coins in its path, which was programmed in Python.

TECHNICAL SKILLS

- Python, Java, PHP, JavaScript and C/C++
- Experience in databases (SQLite)
- Basic knowledge in React and FastAPI
- Intermediate knowledge on TensorFlow
- Advanced knowledge in algorithmics

PROFESSIONAL EXPERIENCES/PROJECTS

Professional Experience

- Summer Internship CTM 2020 at INESC TEC about "Spiking Neural Network". The work is being continued extracurricularly (2020-2020) (<https://github.com/Jumaruba/SNN>)
- Junior Scientist at Fraunhofer Portugal AICOS (2021-2021)

Conducted projects

- A booking website with connection to a database (<https://github.com/TitanicThompson1/LTW>)
- Design and implementation of a distributed system using Chord algorithm <https://github.com/TitanicThompson1/SDIS/tree/master/Projectos/proj2>)
- Implementation of known algorithmics related to graphs (shortest path, search, etc.) (<https://github.com/TitanicThompson1/CAL>)
- Graphic modulation of a living room and a boardgame using WebGL (<https://github.com/TitanicThompson1/FEUP-LAIG-PROJ>)
- Construction of a robot that follows a line and recognizes coins in its path using OpenMv Cam

More projects are available in <https://github.com/TitanicThompson1>

CONTACTS

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ACADEMIC EXPERIENCE

FACULTY OF ENGINEERING OF Oporto University

Integrated Masters in Informatics and
Computation Engineering
Current grade: 16.57/20
(2018 - Now)

FACULTY OF ENGINEERING OF Oporto University

Integrated Masters in Mechanical
Engineering
(2017 - 2018)

SOFT SKILLS

- Organized
- Always looking for new challenges
- Team Leader