

LAURA DE FARIA MARANHÃO AYRES

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Languages: Native Portuguese, Advanced English and Basic Spanish.

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EXPERIENCE

Research Initiation Fellow - UFPB

08/2019 - 08/2020

Development of a low-cost sensing device and the construction of control software. Furthermore, with the help of sensors and the WiFi ESP 32 module, exercise data is stored in MongoDB, as well as the characteristics of the individual with the lesion. Finally, the individual's progress can be analyzed through the website, observing their performance through graphs produced with React.

Back-End Developer - FAPESQ

12/2020 - 03/2021

The project held by FAPESQ (Paraíba State Research Support Foundation) had an objective to develop a platform to help public elementary school students, stimulating their logic skills through exercises. My job was to create the game's structures, using JavaScript as the primary language.

EDUCATION

B.S in Computer Engineering - Universidade Federal da Paraíba - 7.8/10

07/2018 - Ongoing

EXTRACURRICULAR ACTIVITIES

President IEEE Student Branch - UFPB

04/2022 - 10/2022

IEEE (Institute of Electrical and Electronic Engineers) is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity and be essential to the global technical community and to technical professionals everywhere.

President IEEE RAS - UFPB

03/2021 - 03/2022

RAS (Robotic and Automation Society), part of the IEEE UFPB Student Branch, fosters the development and facilitates the exchange of scientific and technological knowledge in Robotics and Automation that benefits members, the profession and humanity.

Assistant Instructor - UFPB

02/2019 - 10/2019

Logic Circuits I is an initial class in the UFPB Computer Engineering course and has the highest failure rates. Throughout the course, I gave lectures and helped students with exercises and projects. Our work was granted a teaching initiation award by the University.

TOOLS AND INTERESTS

Tools: C, C++, Python, JavaScript, Verilog, Assembly, Arduino, LTSpice, PSpice, MPLab, Proteus, PyTorch

Interests: Software Engineering, Robotics, Startups, Machine Learning and Embedded Systems