



José Santos

Student

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Portuguese, English



BACKGROUND



ABOUT

I am a student at the University of Aveiro, studying Robotics and Intelligent Systems. I am passionate about robotics and artificial intelligence. I am always looking for new challenges and opportunities to learn and grow.



WORK EXPERIENCE

Projeto Nexus, Port Scene Analysis, Researcher

Feb, 2024 - Present

Researcher in the field of artificial intelligence and computer vision, working on the development of a vision system capable of detecting the unique identifier of each container code in a pier gate.

- Development of a camera system
- Development of a fine-tuned model with OCR capabilities

Intern, Gallo Vidro

Apr, 2021 - Jul, 2021 3 months

Internship where I worked with several departments of the company, such as production, quality control and maintenance.

- Optimization of the production line
- Quality control
- Maintenance of the production line



SKILLS

Programming

Python Matlab CSS C++ HTML three.js

Robotics

ROS Gazebo Raspberry Pi Arduino

Software

Matlab SolidWorks AutoCAD Power Bi Siemens TIA Portal Siemens Tecnomatix Plant Simulation



EDUCATION

Robotics and Intelligent Systems, MSc, University of Aveiro

Sep, 2022 - Present

Artificial Intelligence Simulation and optimization Digital Control Programming of robotic systems
Mobile Robotics Industrial Robotics Computer vision Information Retrieval

Engineering and Industrial Management, 1st Cycle, Politecnia Institute of Leiria

Sep, 2019 - Jul, 2022

Mathematics Physics Statistics Industrial Management Industrial Logistics
Production and Organization Management Optimization and Industrial Management
Computer Assisted Manufacturing Industrial Processing Economics Accounting Business Marketing



CERTIFICATES

English Proficiency, Cambridge University

Issued on: Jan 08, 2018

Microcredencial Object Programming in C++ , University of Aveiro

Issued on: Jun 12, 2024



INTERESTS

Photography