

Gustavo Braga

MACHINE LEARNING ENGINEER

Profile

Electrical Engineer with a focus on machine learning and robotics. Skilled in Python, ROS, LLMs, machine learning and deep learning algorithms as well as Python OpenCV.

Experiência Profissional

Artificial Intelligence Researcher, Mr.Turing, Remote

APRIL 2023 - PRESENT

- Research and development of diarization and NLP models.
- Research and development of products with Large Language Model agents for autonomous activities
- Research and Development of voice recognition and transcription algorithms (Whisper AI)

Co-Founder & Machine Learning Engineer, Kevares Autonomous inc, Remote

MARCH 2021 - PRESENT

- Creates, develops and maintains the entire robot sensor stack
- Creates, develops artificial intelligence algorithm
- Creates, develops and maintains algorithms for measurements using RGBD cameras and OpenCV
- Develops and maintains data infrastructure

Intern, DataH, Remote

JUNE 2022 - MAY 2023

- Creation and development of pipelines for identifying people in videos/images
- Prototyping and 3D Printing
- Creation and development of Embedding/Tokenization algorithms for classification of scientific articles
- Creation and development of algorithms that use/increase the applications of GPT-3/GPT-4
- Prompt Engineering (GPT-3/GPT-4)

Academic Education

Bachelor, Universidade Federal de São João Del Rei,

AUGUST 2017, PRESENT

Leader of the Artificial Intelligence Study Group at the Assistive Robotics and Technology Center (Cyros)

- Teaching courses on AI algorithms focusing on the mathematics of algorithms

Captain of the Petrobrás Challenge competition team (Drones)

- Participation in crobótica
- team management
- development of algorithms to solve problems such as robot automation

Captain of the robocup logistics 2018 competition team

- Representing festo robotics
- Creation of algorithms to solve challenges with autonomous robots

Scientific initiation “Development of an individual identification system using channel state information”

- Development of a system to identify people inside a room using only the wifi signal from an off the shelf modem

Contact Information

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Links

[Linkedin](#)

Hard-Skills

HTML & CSS



Git



Python



ROS



Javascript



English



Fusion360



Soft-Skills

- Self-taught
- Resilient
- Ability to analyze complex technical information
- Analysis, projection, and implementation of artificial intelligence algorithms and data processing pipelines.
- Attentive to details
- Capable of solving problems