Gabriel Nascarella Hishida

MSc. Informatics student interested in computer vision, robotics and deep learning.

EDUCATION

2019 - 2023
BSc. Computer Science
Top of the class, GPA 0.8973
Universidade Federal do Paraná

2023 - 2024*
MSc. Informatics
Universidade Federal do Paraná

AWARDS

Outstanding Student
Brazilian Computer Society
Academic achievements

Innovation Award
RoboCore Experience 2023
Most innovative line-follower robot

CERTIFICATIONS

Generative Adversarial Networks (GANs) Specialization
DeepLearning.AI
Online specialization

SKILLS

- ❖ **Python**, C/C++, SQL
- ❖ **Pytorch, OpenCV, Sklearn**, Kivy
- ❖ Robot OS (Noetic, Foxy)
- ❖ English, Portuguese, ~Spanish

EXPERIENCE

Research Student
Laboratory of Vision, Robotics and Imaging (VRI)
May 2022 – Present

Research on Gaze Estimation using deep learning models.

➔ "*Classifying drivers' attention through 3D gaze estimation*" (PDF)
➔ "*3D Gaze Estimation for Real-time Applications*" (PDF)

Robotics Software Developer
Yapira UFPR Robotics Team
October 2019 – August 2023

➔ Participated in 8 robotics competitions (see *Awards*).
➔ Designed camera-based line follower robots.
➔ Lectured ROS2 and Gazebo workshops.
➔ Teached Python to elementary school students.

Software Development Intern
Automated Guided Vehicle Solutions (AGVS)
February 2022 – May 2022

Developed a cross-platform app using Kivy and OpenCV to scan QRCodes, scrape websites and organise financial data using Google Drive API and Sheets API.

CONTACT / LINKS

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https://www.youtube.com/@gabrielhishida