

Contact

devlagoeiro@outlook.com

www.linkedin.com/in/lagoeiro
(LinkedIn)

lucaslagoeiro.github.io/ (Portfolio)

Top Skills

Microcontrollers

Robot Operating System (ROS)

Team Management

Languages

English (Full Professional)

Portuguese (Native or Bilingual)

Certifications

Cambridge English Certificate B1

Code Foundation for ROS

Cambridge English Certificate A2

Geek University

Lucas Lagoeiro

Graduating in Robot Engineering | Python | C | C++ | Java |
Microcontrollers | Embedded systems | ROS2

São Paulo, Brazil

Summary

Passionate about technology and innovation, I am a developer with comprehensive skills in programming and design. My journey includes mastery of C/C++, Python, Java, and JavaScript languages, as well as HTML for web development.

Furthermore, I have solid experience with the ROS2 framework and advanced skills in microcontrollers .

Recognized for my soft skills, which include teamwork, proactivity, effective communication, and self-learning, I am always ready to tackle new challenges.

I highlight my two-year contribution to the RoboFEI Humanoid project, participating in the development of software for a humanoid robot designed to play soccer. This experience underscores my ability to transform complex requirements into practical and innovative solutions, and also reinforces my skills mentioned above.

I am constantly seeking opportunities to apply my knowledge and passion for technology to challenging and impactful projects.

Experience

RoboFEI

2 years 4 months

Member of the RoboFEI Humanoid Software Team

January 2024 - Present (5 months)

São Bernardo do Campo, São Paulo, Brasil

Currently engaged in the development of my research, focusing on laying the groundwork for future implementations within the simulation. Additionally, I am actively involved in the management of our Software team, providing support and guidance.

Scientific Researcher

May 2023 - Present (1 year 1 month)

São Bernardo do Campo, São Paulo, Brasil

Working on a scientific research whose theme is Modeling and implementation of a functional humanoid robot in a 3D simulator.

Leader of the Software Team of RoboFEI Humanoid

July 2023 - January 2024 (7 months)

São Bernardo do Campo, São Paulo, Brasil

Management of the team and development of the control system for the RoboFEI Humanoid robot. Moreover, I participated in another national competition (LARC) at Salvador, where once again we achieved 2nd places, one in humanoid robot soccer and another in humanoid robot race.

Member of the RoboFEI Humanoid Software Team

February 2022 - July 2023 (1 year 6 months)

São Bernardo do Campo, São Paulo, Brazil

Developing parameterized and continuous movements for humanoid robots. Additionally, I participated in the national robotics competition (LARC) at FEI, where our team won two 2nd places, one in humanoid robot soccer and another in humanoid robot race.

FEI

Teaching Assistant for the General Electronics subject

September 2022 - December 2022 (4 months)

São Bernardo do Campo, São Paulo, Brasil

Academic Activity: Assisting students with activities and projects involving the Arduino microcontroller.

Education

Centro Universitário FEI

Bachelor's degree, Robot Engineering · (2020 - 2025)