Felipe Lemes da Silva Martins

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PROFESSIONAL PROFILE

Electrical Engineering major with strong academic skills and experience specializing in robotics and circuit technology. Focused, independent, and adept at working with multi-disciplinary teams, ranging from programming to basic CAD projects. Successful in competing at national Scientific Olympiads and Robotics competitions. Seeking an internship in the robotics and/or applied electronic circuits fields for Summer 2024.

EDUCATION

Georgia Institute of Technology | Atlanta, GA   *August 2023 - Present*
Bachelor of Electrical Engineering   *Expected Graduation, May 2027*

SKILLS

Programming Languages: C/C++, C#, Python, HTML, CSS
Hardware: Arduino, breadboarding
Spoken Languages: English (Fluent), Portuguese (Native), Spanish (Conversational)

PROJECTS / ACTIVITIES

Programmer and Project supervisor, Robotics Club
February 2020 to November 2021
Colegio ETAPA   *Sao Paulo, SP, Brazil*

- Responsible for 3D design and coding.
  Led a group to develop an Arduino project, which then designed, built, and programmed a miniature candy machine.
- Responsible for coding the movements and intelligence of a simulated car.
  The project consisted of interpreting the output of light and proximity sensors to make the robot follow a black line throughout a make with obstacles and ramps, with white floor.

Foreign Study Experience
July 2019
Canadian International Student Services Inc (CISS) – University of Toronto   *Toronto, Canada*

- Stayed at the campus of the University of Toronto and studied the English language. Later received a diploma, being commended by the teachers.

Olympic Student, Physics Club
February 2020 to November 2022
Colegio ETAPA   *Sao Paulo, SP, Brazil*

- Had advanced physics and mathematics classes, including calculus and linear algebra, to prepare for various Physics Olympiads.

Independent projects
July 2020 - Present

- Developed independent projects using the C# and C++ programming languages, ranging from robotics, to games in Unity, a rudimentary 3D graphics engine(C++) and various Windows programs.

AWARDS (Scientific Olympiad Medals)

Brazilian Physics Olympiad (OBF) – Silver(2020 / 2022)
Brazilian Physics Tournament (TBF) – Bronze(2022)
Brazilian Mathematics Olympiad for Public Schools (OBMEP) – Honorable Mention(2022)
National Science Olympiad (ONC) – Gold(2020 / 2021 / 2022)