

GIANCARLO PEIXOTO

3rd-Year Computer
Engineering Student

Technology enthusiast and Computer Engineering student (Information Systems branch) with experience in React, JavaScript, MATLAB, C++, C, Linux, HTML, and CSS. Seeking an internship or part-time position in IT to apply and expand my knowledge through real-world projects.

EXPERIENCE / PROJECTS

Special Connect Four — React, JavaScript, CSS, Git, HTML, Bash

- Developed the game logic and interface using React Hooks, creating reusable components to facilitate maintenance.
- Implemented move validation, edge case handling, and user feedback, enhancing the application's robustness.
- Used Git for version control and documented the project with a detailed README and screenshots.

Interactive Quiz — C++, Linux, Bash, Git

- Developed a terminal-based quiz game on Linux, featuring a scoring system, immediate feedback, and menu navigation.
- Structured the code into modular functions, applying programming best practices and error handling.
- Project focused on improving logic, data structures, and user interaction in a console environment.

ODE Solutions & Analysis — MATLAB

- Automated the solving of differential equations and the generation of reusable graphs and reports.
- Documented methods and results to support technical analyses in practical assignments.

EDUCATION

Bachelor's Degree in Computer Engineering

Instituto Superior de Engenharia de Coimbra (2023 — 2027, em curso)

High School — Social and Economic Sciences

Escola Secundária Dr. Joaquim de Carvalho (2018 — 2021)

CONTACT

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[Linkedin](#)
[Github](#)
[Portfolio](#)

SKILLS

C/C++

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Front-end (HTML/CSS/REACT)

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Álgebra Linear

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Estatística

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Bash

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JavaScript

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Linux (Debian)

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SQL

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LANGUAGES

Portuguese

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English

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CERTIFICATIONS

MATLAB Onramp —
MathWorks (fev 2025)

Solving Ordinary
Differential Equations —
MathWorks (mar 2025)