Tiago Marques

COMPUTER ENGINEERING STUDENT

Currently a third-year Computer Engineering student at the University of Coimbra, I combine a deep passion for **technology** with a **creative** streak developed through significant experiences in music and artistic projects. I seek a challenging internship or junior developer position where I can apply my knowledge in programming and technology to contribute to innovative solutions.

EDUCATION

BACHELOR'S DEGREE IN COMPUTER ENGINEERING
Faculty of Science and Technology, University of Coimbra
Sep 2022 - present

Programming Languages + Frameworks:
- **Languages -** C/C++, Python, Java, PHP
- **Frameworks -** Spring Boot, Flask, REST API´s
- **Databases** - PostgreSQL, MySQL, MongoDB
- **Tools & Platforms** - Git, Linux, Postman, GNS
- **Web & Markup Languages** - HTML, LaTeX

EXPERIENCE

Criar a Criatividade, Barcelos
Aug 2022 - Oct 2022

I was the coordinator of the artistic project "Criar a Criatividade" where my main role was to guide and assist the guitarists involved in the project.

Summer Internship | 2BWebconnect
July 2024 - Sep 2024

I worked on a key project at a web development company, developing the frontend of an internal application and optimized the backend of the main application (made in PHP)

Member of the Project Department | Pollux
Oct 2024 - present

I'm currently working on the embedded software for a stratospheric balloon system. The project involves migrating the codebase from Python to C++ using the PlatformIO ecosystem, transitioning from a Raspberry Pi microcontroller to an ESP32. I'm also directly testing onboard sensors such as GPS and LoRa to ensure proper integration with the new setup.

Image department collaborator
Núcleo de Estudantes de Engenharia Informática
Jun 2024 - present

CONTACTS

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SKILLS
- Music Production
- Video Editing
- Image Editing
- LaTeX (Intermedium)

SOFT SKILLS
- Team Spirit
- Creativity
- Adaptability
- Problem-Solving

HOBBIES AND INTERESTS
- Music
- Photography

LANGUAGES
- Portuguese (Native)
- English