



Vitor Ribeiro

Curriculum Vitae

"When you can't win by being better, you can win by being different." - James Clear

Education

2020–Present **Master Student**, *Industrial Electronic and Computer Engineering*, University of Minho.

Specialization:

Embedded Systems

Information Systems and Technologies

2017–2020 **Bachelor Degree**, *Industrial Electronic and Computer Engineering*, University of Minho.

Experience

2021–Present **President**, NÚCLEO DE ESTUDANTES DE ENGENHARIA ELETRÓNICA INDUSTRIAL E COMPUTADORES, University of Minho.

Despite the new position, the motivation remains the same from the beginning, the goal will always be to improve the learning conditions of the students in the course.

2021–Present **Member of the Team of Student Representatives at the School of Engineering Council**, ENGINEERING SCHOOL, University of Minho.

The School Council aims to give voice to the perceptions of the students of the School of Engineering, involving them in the decision-making processes, making them an active and integral part in the goal of a higher quality education.

2020–2021 **External Vice-President**, NÚCLEO DE ESTUDANTES DE ENGENHARIA ELETRÓNICA INDUSTRIAL E COMPUTADORES, University of Minho.

My goal is to meet the needs of the students on the course. To this end, I work to bridge the gap between external entities and the course and in the internal structure of the association, I represent the presidency in the absence of the president. In the present term, I was involved in the creation and organization of the JORNADAS DE ENGENHARIA ELETRÓNICA 2021 - EM CASA,

- 4 days of activities in the scope of hard skills and also soft skills that counted with the participation of about 300 students, not only from the course but also from others like Computer Science, Textile Engineering, among others.

2020–Present **Nautilus Project**, SOCIETY LOVING THE PLANET MINHO.

Nautilus is an electronic device that informs the user, in real time, of the number of liters spent while bathing. This amount will be translated into a comparative value, which will indicate possible uses for the water spent, accompanied by an impactful message. In this project I am responsible for the technical team that is currently developing the prototype.

Guimarães

- 2020–Present **Member of Strategic and Sustainable Development Department**, SOCIETY LOVING THE PLANET MINHO.
Ecological project with the objective of making the academic environment more sustainable. As a member of this department, I organize activities and create partnerships with companies or associations in the field of sustainability, mainly in the university.
- 2019–2020 **External Relations Director**, NÚCLEO DE ESTUDANTES DE ENGENHARIA ELETRÓNICA INDUSTRIAL E COMPUTADORES, University of Minho.
As director of this department, I created relationships between entities outside the university and the students, in order to create a more direct contact with the business environment. I was an integral part of the organization of the JORNADAS DE ENGENHARIA ELETRÓNICA 2020, mainly in the contact with companies and in the organization of the job fair, which had the participation of 12 companies and about 400 students.
- 2018–2019 **External Relations Contributor**, NÚCLEO DE ESTUDANTES DE ENGENHARIA ELETRÓNICA INDUSTRIAL E COMPUTADORES, University of Minho.
I collaborated in creating relationships between entities outside the university and the students.
- 2015–2016 **Student Association President**, ESCOLA BÁSICA E SECUNDÁRIA SANTOS SIMÕES, Guimarães.
I supported the activities of the school management and social action departments and organized extra-curricular and school sports activities, such as educational weeks, Christmas celebrations and the CORTA-MATO.

Awards

- School School Merit since 4th grade
University Sports Merit
- Sports 5x Kickboxing National and Regional Champion
3x Boxing National and Regional Champion
1x Muay Thai National Champion
2x Kickboxing National University Champion
Participation in the European Kickboxing Junior Championship
Participation in the World Junior Muay Thai Championship

Skills

- Knowledge Embedded and Real-time Systems, Design Technology, Multitasking Systems, Internal of operating systems kernel, C/C++, Verilog, Matlab, \LaTeX
- Functional Waterfall methodology, Designing Linux Device Drivers, Buildroot, PThread and FreeRTOS,
Skills OpenCV

Languages

- Portuguese **Mother tongue**
- English, **Intermediate** *Conversationally fluent*
Spanish

Driving License

A1 and B

Interests

- Guitar - Books

Guimarães