



José Gonçalo
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- Aveiro, Portugal

Languages

- Portuguese
- English
- Japanese

Interests

- Robotics
- Programming
- Embedded Systems
- Internet of Things

Skills

Programming

- C
- C++
- Python
- Java
- REST API
- SQL
- HTML
- CSS
- JavaScript

Tools

- MATLAB & Simulink
- PSIM
- GitHub
- LaTeX

Design Tools

- Alitum (PCB)

Robot Simulators

- Webots

Working Experience

- July – September 2020 **PEJENE 2020** Pavnext
I was part of a team developing a smart-city structure capable of acquiring data from a multi-slave->master system and presented on a Web interface.
- July – August 2019 **Summer Connection Program** CEiiA
I spent two months at CEiiA on a team responsible for the development and optimization of low cost and eco-friendly monitoring buoys.
- July 2018 **Summer Innovation Week** Critical Software
I spent a week at Critical Software (Coimbra) working on a team, developing an environmental sensor station, the senseBox. At the end of the week we did a pitch for the company CEO and other employees.

Education

- October 2020 – July 2021 **Master Thesis** Pavnext
Development of a monitoring and data communication system for application in Pavement Energy Harvesting (continuation of the PE-JENE 2020 internship)
- Semester 2 2019-2020 **Erasmus+ Study Abroad Program** University of Hull
I spent the second semester of the fourth year at University of Hull, England
- 2016 – 2021 **Integrated Master in Electrical and Computer Engineering** FEUP
Major: Automation | Specialisation: Robotics and Systems

Extra-Curricular Interests

- Space
I'm fascinated by the Outer Space and I like to spend time watching, reading and learning about it