



José Gonçalo  
Correia de Sousa Neto

- 25-04-1998
- +351 930421521
- zecorreianeto98@gmail.com
- <https://josegneto.github.io>
- Aveiro, Portugal

## Languages

- Portuguese ● ● ● ● ●
- English ● ● ● ● ●

## Interests

- Robotics
- Programming
- Embedded Systems
- Internet of Things

## Skills

### Programming

- C ● ● ● ● ●
- Java ● ● ● ● ●
- REST API ● ● ● ● ●
- SQL ● ● ● ● ●
- HTML ● ● ● ● ●
- CSS ● ● ● ● ●
- JavaScript ● ● ● ● ●

### Tools

- MATLAB & Simulink ● ● ● ● ●
- PSIM ● ● ● ● ●
- GitHub ● ● ● ● ●
- LaTeX ● ● ● ● ●

### Design Tools

- Alitum ● ● ● ● ●

### 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, which will be then 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