

Nuno Nogueira

Embedded Software Developer focused on making things.

🌐 Stockholm, Sweden



About

As an Embedded Software Developer I've acquired experience with microcontrollers and real time operating systems with a strong link between the device and the cloud. I successfully build, test and maintain code for systems on the field. My hobbyist side also works with PCB & CAD Design.

Work Experience

Kisi 2021 - Current

IoT Developer

In charge of building, testing, and maintaining all Kisi devices. Guided the team through the advancement of the next generation of access control devices and helped improve the team development environment and tools.

Academia de Robotica 2020 - 2021

Teacher

Instructed and guided children and adolescents as they embarked on their initial exploration of the world of robotics.

Addvolt 2018 - 2018

Intern

Deployed an over-the-air anti-faults protocol to a multi-node network.

Education

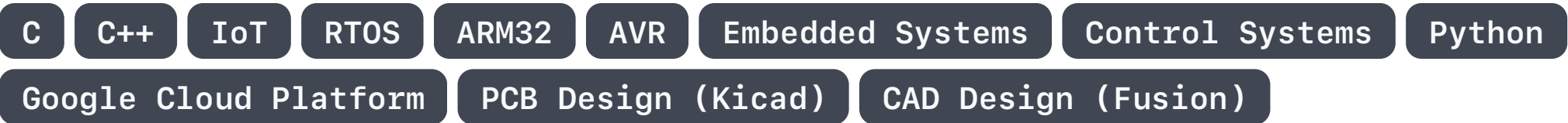
Polytechnic University of Porto 2015 - 2018

Bachelor's Degree in Electrical & Computer Engineering

University of Porto 2018 - 2021

Master's degree in Electrical & Computer Engineering with specialization in Embedded Systems and Microelectronics.

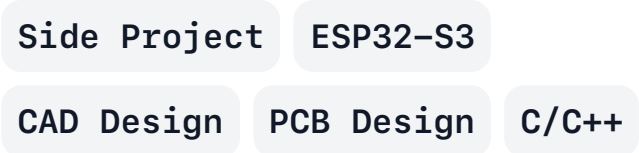
Skills



Projects

BattleButBot (WIP) •

Your Ultimate Antweight Fighting Robot Companion



cmake-gecko-sdk •

Gecko SDK Blinky example using CMake.



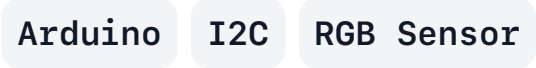
Arduino Due + KA3005P •

Library to facilitate seamless communication between the Due and the KA3005P power supply.



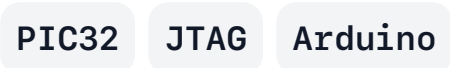
TCS34725_TWI •

This project aims to incorporate the TWI protocol for communication between an Arduino Nano and a TCS34725 RGB sensor.



JTAG_PIC32_UNO •

Control a ChipKIT Uno32 board using its MCU JTAG port connected to an Arduino.



Others on my website •

Visit my website to get to know more about my side projects.