



Gil Teixeira

1st cycle degree in Computer and Telematics Engineering and Master in Informatics Engineering, Aveiro

- ▶ Portuguese
- ▶ 24yrs old

Languages

C/C++



Javascript/TypeScript



Python



Bash



Java



HTML, CSS



Portuguese

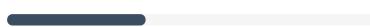
Native



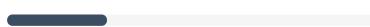
English



German



French



Interests

- ▶ Playing Violin and Guitar
- ▶ Cycling

Contacts

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Biography

2017–2018 1st cycle degree in Electrotechnical Engineering, Escola Superior de Tecnologia e Gestão de Águeda (ESTGA), *Grade Average: 15.68*

2017–Present Violin student at CMA (Conservatório de Música de Águeda).

5th Grade completed in 2019

2018–2019 German A1.1 and A1.2, Open Courses at DLC (Departamento de Línguas e Culturas). *Grade average: 18.5*

2018–2021 1st cycle degree in Computer and Informatics Engineering, Universidade de Aveiro (UA), *Grade Average: 15.4*

All of my projects are available on GitHub [\(1\)](#)! Please do checkout my website for a quick view of some of the most important ones [\(2\)](#)!

Real World Experience

Log-My-Work Mobile App - Freelancer

Hoterway

App for Android and iOS and website Log-My-Work [\(3\)](#), built with React Native.

Skills learned: How to gather requirements with clients and how to create both mobile apps and a website using just React Native and Expo.

ITS Mobile App

Instituto de Telecomunicações

App for Android and iOS used to visualize data, shared using MQTT brokers, produced by other Intelligent Transport Systems, to send alerts and request services such as V2X tolling and EV charging.

Skills learned: Real time vehicular communications, maps components and logic and the importance of standards.

Audit Waiting - Freelancer

Hoterway

A website for auditing hot water circuits and visualize data from the installed product (another ESP32 project of mine). , built with React.

Skills learned: Team work and project management. Managing a server and risk management.

ESP32 Hoterway - Freelancer Project

Hoterway

Project to create the controller for the company product. It provides a web interface to setup the initial wifi connection and allows for simple data visualization. Once connected it starts sending both hearbeats and sensor messages to an api.

Skills learned: First real contact with arduino. My prior experience was with a MIPS32 pic.

My first paper

Instituto de Telecomunicações

This paper was created in the context of the same project as my master thesis. If focus on the relevance of a V2X mobile application in Cooperative Intelligent Systems, [\(4\)](#).

Skills learned: Bettered my Latex skills and learned the value of history versioning on complex and inherently cooperative documents.

BDL (Board Description Language) And ABDL (Auto BDL)

University of Aveiro

Language design and implementation of a board game description language and of a programming language to play and create bots on games created.

Skills learned: Power of generated code to automate tasks and the difficulty of producing extensive and clear documentation.

Personal Portfolio Web App

Personal Portfolio

Website built with React [\(5\)](#)! Built with the purpose of showing the bigger project I've worked on. Skills learned: For this project I decided to setup my own server with a Raspberry Pi 2B! Learned how to setup Systemd services and Nginx reverse proxy with SSL! I got better at CSS and it was my first contact with MUI.