



# FÁBIO SILVA

## PERSONAL SKILLS

- Good communication skills; Facility of group integration
- Strong interest in programming and hardware development
- Versatile at a personal and task level
- Persistent, ambitious, resilient
- Leadership. Empathy

## LANGUAGE SKILLS

- Maternal Portuguese
- English:
  - C1 level comprehension
  - Level C1 Orality
  - B1 level writing

## BIO

- Portuguese nationality
- Date of Birth: 11th October, 1996
- Driving license: A, B
- Residence: Santa Maria da Feira

## CONTACTS

- E-mail: [fabiosilva28@gmail.com](mailto:fabiosilva28@gmail.com)
- LinkedIn: <https://www.linkedin.com/in/fabiomotasilva/>
- <https://github.com/Fabiosilva>

## WORK EXPERIENCE

### Addvolt | February 2024 - Present

#### Embedded firmware engineer.

- C programming. Developing new hardware in altium designer with infineon microcontroller and some RF parts .

### Poweren | August 2020 - January 2024

#### Power eletronic eneginner

- Development of electronic integrated circuit boards. Hardware and firmware
- PCB assembly; SMT and THT; Welding techniques and repair
- PCB test

### Tecnobento | March 2020 - june 2020

#### Automation Engineering

- Programming development for an industrial juice production equipment. PLC programming (Step 7) and HMI implementation (GP-Pro Ex)

### Vimétrica | January 2017 - October 2017

#### Mechanic project developer

- Mechanical assembly of customized machines (Corticeira Amorim, IKEA, PSA group)
- Mechanical development project in SolidWorks (ideate and draw)

### Pietec | June 2016 - December 2016

#### General Mechanical Maintenance

- General mechanical maintenance of cork industry machines

## OTHER ACTIVITIES

### Associação de futebol de Aveiro | 2015 - Present

#### Football referee

- Football main Referee
- Advanced course by Federação Portuguesa de Futebol

### Federação Portuguesa de Futebol | 2022 - Present

#### Football referee

- National football main referee (Semi-Professional)

## ACADEMIC JOURNEY

### Faculdade de Engenharia da Universidade do Porto

#### Post Graduated in Engineering and Data Science (English) | September 2020 - Janeiro 2022

- Data analysis and predictive algorithms
- Final grade: 16

### Instituto Superior de Engenharia do Porto

#### Degree | Electrical and Computer Engineering (English classes) | September 2016 - July 2020

- Final grade: 15

### Centro de Formação da indústria da cortiça

#### CET (level 5) | Mechatronic Technology | September 2015 - June 2016

- Accredited by University of Aveiro
- Final grade: 17

## SOME TECHNICAL SKILLS

- Microsoft Excel (21h Course 2018)
- Solidworks
- Picoscope, Cleverscope
- C, Python, C++; STL, Ladder, Assembly - beginner
- PHC, VS Code, Proteus, SoMachine, MPLab, OrCAD Capture, OrCAD PCB Designer, Altium Designer, Code Composer Studio, DAVE IDE.