



FÁBIO SILVA

PERSONAL SKILLS

- Assiduous and punctual
- Good communication skills and ease of group integration
- Versatile at a personal and task level
- Persistent, ambitious, resilient
- Strong interest in programming and hardware development

TECHNICAL SKILLS

- Microsoft Windows and Linux
- Microsoft Excel (21h Course 2018)
- Solidworks
- Picoscope, Cleverscope
- Programing:
 - C, Python, C++
 - STL, Ladder, Assembly - beginner
- Software:
 - PHC, VS Code, P-SIM, Proteus, SoMachine
 - MPLab, OrCAD Capture, OrCAD PCB Designer

LANGUAGE SKILLS

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

CONTACTS

- E-mail: fabiomsilva28@gmail.com
- LinkedIn: <https://www.linkedin.com/in/fabiomotasilva/>
- <https://github.com/Fabiomsilva>

BIO

- Portuguese nationality
- Date of Birth: 10/11/96
- Driving license: A, B
- Residence: Santa Maria da Feira

WORK EXPERIENCE

Poweren | August 2020 - Present

- Development of electronic integrated circuit boards
- PCB assembly
- Competences in welding techniques and repairs

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

PROJECTS

Swimming Pool Control | February 2020 - June 2020

- Development in Ladder language of a program and interface of a swimming pool with different operating modes as well as water and chlorine dosing with PID control

Programmable Watering System | September 2019 - January 2020

- Development in C language of a programmable irrigation system with bluetooth module, rtc, humidity and temperature sensor and servo motor.

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

ACADEMIC EDUCATION

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