

PERSONAL INFORMATION

Vinicius Ferreira Mylonas



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POSITION

Electronics engineer

WORK EXPERIENCE

01/04/2020–Present

Electronics engineer

Verin, São Paulo (Brazil)

01/06/2012–31/12/2019

Consumer electronics repair technician

Verin Fire Alarm System, São Paulo (Brazil)

- New product developer
 - Fire alarm panel
 - Smoke detector
 - Call point
 - Alarm sounder
- Development of supervisory software in C #
- Data sheet and instruction manual developer
- Demonstration of products to the customer, providing training
- Maintenance of equipment related to the fire detection and alarm system

EDUCATION AND TRAINING

01/01/2014–31/12/2020

Eletronic Engineer

EQF level 6

Universidade São Judas Tadeu, São Paulo (Brazil)

Main electronics disciplines

- Microcontrollers and microprocessors
- Programming algorithms
- Waves and propagation
- Energy conversion
- Dynamic control systems
- Digital communication

Main general subjects.

- Integral differential calculation
- Numerical calculation
- Statistics
- Electromagnetism
- Fluid mechanics
- Project methodology

01/01/2010–31/12/2011

Electrotechnical Technician

EQF level 4

Escola Tecnica Estadual Horácio Augusto da Silveira, São Paulo (Brazil)

- Digital electronics
- Analog electronics
- Microcontrollers
- Programmable Logic Commands (PLC)
- Basic informatics

PERSONAL SKILLS

Mother tongue(s) Portuguese

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1
Spanish	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills

- Presentation of products to the customer.
- Taught courses related to the fire detection and alarm system
- Good communication and teamwork, attentive and active

Organisational / managerial skills

- Organized the maintenance sector composed of 5 people.
- Use of software to aid in the organization
- Knowledge of project methodologies
 - PMBOK Guild
 - Agile (Scrum)

Job-related skills

- Knowledge of sensors (especially fire sensors)
- End-to-end product development
- Development of printed circuit boards (PCB)
- Development of low-level software for microcontrollers (C compiler Keil5 and PICC CCS)
- Wide knowledge of microcontrollers, especially PIC family (16F / 18F and others)
- Prototype modeling for 3D printing.
- HIM (human interface machine) development for the end user and operator (Fire alarm panel)
- Development of Nextion touchscreen screens and other supports by ST microcontrollers
- Manual work such as welding of pth components, smd prototyping.
- Knowledge in embedded technology (Arduino, ESP32, ESP8266, raspberry, beaglebone)

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Independent user	Independent user	Basic user	Independent user	Proficient user

Digital skills - Self-assessment grid

- Advanced programming language knowledge:
 - Assembler, C, C ++, C # (for application)
- Hardware description language (VHDL to FPGA)
- Basic machine learning applications in python using Jupyter and google colab
- Solid Works - independent user
- Autocad2D- independent user
- Proteus (Isis / Ares) for the development of diagrams and printed circuit boards
- Altium Designer
- Visual Studio
- Office and similar tools.
- MS-project

Other skills - First aid acquired at a young age in the scouts union of Brazil and encouraged by my fireman father

ADDITIONAL INFORMATION

Projects