

PERSONAL INFORMATION



Fabricio Miguel Ferreira Antunes

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🌐 <https://everythingautomation.github.io/>

Sex Male | Date of birth 09/11/1979 | Nationality Portuguese

JOB APPLIED FOR

Automation Engineer

WORK EXPERIENCE

11-2017 - Present

Automation Engineer

SYSMETA

- Development and integration of automation systems (Clients: IKEIA Industry, Bank of Portugal, Valora)
- Designer and programmer of industrial vision systems (Sherlock , Cognex, smart cams and multicode reader).
- Fanuc and Kuka Programmer (WorkVisual and TP).
- Junior PLC Programmer (Siemens and Omron).
- For more information please consult <https://everythingautomation.github.io/>

2015 - 11-2017

Application Engineer

ISICOM TEC - <https://isicom.pt/>

- Developing automation solutions for the mould industry in the context of Industry 4.0.
- Survey of needs with the customer, follow-up of the post-sale process and commissioning of robotic cells in discontinuous production lines.
- Design of technical solutions, including production of documentation.
- Robotic manipulator programmer (Fanuc).
- Fault finding and resolution, in person on-site and via remote support
- PLCs programmer (Omron CJ2M and NX).
- Driver programmer for Ethernet / IP communication bridges via Explicit messaging between CNC controllers.
- Microcontroller programmer (PIC, Zigbee, Atmega and TI).
- Installation and configuration of post-processors for Milling, CMM and EDM processes.
- Installation, maintenance and repair of 3D printers (3DSYSTEM).
- Technical engineer at the exhibitor at MoldPlás Batalha 2015, OPEN 2016 , BIEMH Bilbao 2016 and EMO Hannover 2017.

2004 - 2011

Help-Desk Technician

BPI - Banco Português de Investimento – www.bancobpi.pt

- Technical and administrative support of the commercial network.

EDUCATION AND TRAINING

2012 - 2015

Electrotechnical Engineering - *Escola Superior de Tecnologia e Gestão (IPL)*. Level 6 QRQ.

Final grade of 17 out of 20.

PERSONAL SKILLS

Mother tongue(s)

Portuguese

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B1
French	C1	C1	B2	B2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Job-tools skills

- KUKA Robotics (WorkVisual)
- Fanuc Robotics (TP)
- Sherlock Vision System Software
- Cognex Designer e Vision Pro
- Siemens Step7 e Tia Portal v11 e v13 (projects made with PLC S7-200, S7-300 e S7-1200).
- Omron (Cx-Programmer e Sysmac)
- SCADA e HMI (WinCC flexible 2008).
- Basic knowledge of Python, Django framework, HTML, CSS.
- Knowledge of database structure and language (SQL).
- RobotStudio (projects implemented on the robot IRB-2400-16 ABB).
- Linguagem C.
- SolidWorks.
- Eagle, Multisim e KiCad (PCBs Design).
- Knowledge of Lean management, 6 Sigma, 5s and DIKW Hierarchy.

Courses & Certifications

- Initial Pedagogical Training Course for Trainers (Certificate nº F640523 / 2016).
- Certified training of industrial vision (INFAIMON MOD 1)
- Easy Automation Programming Course Phoenix Contac Level 2.
- SolidWorks Essentials training (2017).
- Finalist of the "Prize Siemens Next Generation 15" with project related to the industry 4.0.
- Training of accredited Technician in the Projet 2500 of 3DSystems (Course attended in Germany).
- Participation in the technical and pedagogical journeys of Eng. Electrotechnical.
- Projects developed with Arduino and Raspberry Pi.
- Content creation for Electronica Club ESTG - eClub (<http://sites.ipleiria.pt/eclub/>).