Kleber Lima da Silva

Embedded Systems Engineer | Hardware and Firmware Developer

About Me

Hello! I'm Kleber Lima da Silva. I'm passionate about Electronics and Robotics. I have extensive experience in project development (hardware and firmware) of embedded systems with precision electronics, low consumption, and wireless communication.

Age	33
Email	kleber.ufu@gmail.com
Phone	+55 14 99104-0606
City	Marilia, SP, Brazil

Professional Skills

Schematic Design
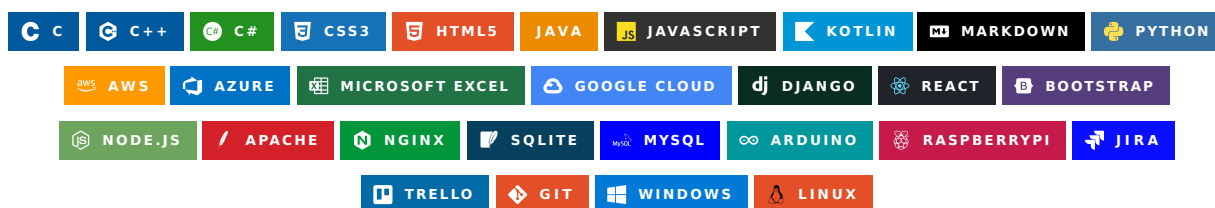
PCB Layout

Design for Manufacturing

Bare-Metal and RTOS

Embedded Linux

Microcontrollers

Tech Stack

C C++ C# CSS3 HTML5 JAVA JAVASCRIPT KOTLIN MARKDOWN PYTHON

AWS AZURE MICROSOFT EXCEL GOOGLE CLOUD DJANGO REACT BOOTSTRAP

NODE.JS APACHE NGINX SQLITE MYSQL ARDUINO RASPBERRYPI JIRA

TRELLO GIT WINDOWS LINUX

Work Experience

Professional Training Instructor – Electronics at SENAI SP

Feb, 2020 - Oct, 2022

Professional training instructor in electronics (technical design, electricity, building and industrial electrical installations, analog and digital electronic systems, residential and industrial automation, projects).

Hardware and Firmware Engineer at SEYS - Sistemas Inteligentes

Dez, 2017 - June, 2019

Management and development of embedded hardware and firmware projects. Some of the activities: selection of components; PCB schematic and layout development; budgets; DFM (design for manufacturing).

Hardware Engineer at Ioton Technology

Aug, 2015 - Dez, 2017

Co-founder of the Brazilian startup that created the TON development platform, for learning in robotics, IoT (Internet of Things), automation, etc.

Scientific Research at LASEC – UFU

Feb, 2012 - July, 2015

Project 1: Development of hardware for the autonomous control of a quadcopter. Project 2: Development of a hardware and software prototype for home control by gestures using the Myo armband.

Education

Bachelor of Electronic/Biomedical Engineering from Universidade Federal de Uberlandia

2010 - 2015

Voluntary activities: student tutoring (Biostatistics, Analog Electronics I, Electrical Circuits II and Embedded Systems I); Two scientific initiations PIBIC/CNPq; Member of the Laboratory of Automation, Electronic Systems and Control (LASEC) for 3 years; 2015 Maze Escape Challenge Organizer.

Biomedical Engineering from Polytech Marseille

2013 - 2014

Object Oriented Programming; Labview; Neurophysiology; Automatique; Cardiovascular Biomechanics; Medical Radiophysics; Ultrasound Imaging. MRI-Spectrometry; Tomography; Biomedical Instrumentation II; Matlab; Database; Human Machine Interaction. BRAFITEC / CAPES Program Scholarship.

Electronic Maintenance Technician from SENAI SP

2008 - 2009

1st Place in Electronics - SP Skills 2009; 3rd Place in Industrial Electronics - World Skills Americas 2010.

Contact

City

Marilia, SP, Brazil

Phone

+55 14 99104-0606

Email

kleber.ufu@gmail.com

https://www.linkedin.com/in/kleberlimadasilva/

https://www.instagram.com/kleberls6

https://github.com/krebyy

http://bit.ly/portfolio-kleber