

Curriculum vitae

Personal Information



12/11/1991



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[seyfou \(seifeddine\) \(github.com\)](#)



Permis B

Seifeddine KADHI



EDUCATION



Engineering Diploma
National Engineering university of Monastir
Electrical and Embedded Software Engineer

2014—2017



Mathematics & Physics
Preparatory Institute for Engineering studies

2011—2013



Mathematics & Physics
Bachelor degree

2010



Professional Experiences



SUMITOMO ELECTRIC BORDNETZ
ELFEJJA_Tunisia
Process Engineer

12/2019—03/2021



SAFRAN
Soliman_Tunisia
Process Improvement Engineer

03/2019—12/2019



LEONI (Mateur_North)
Mateur_Bizerte_Tunisia
Process development Engineer

09/2017—03/2019

Competances

Expert Process:	Tools :
*Design and architecture the Layout of a new plant	AutoCad
*Order new components/ Order new equipments.	SAP
*Develop and install a new TGV line for the production	
*Develop the transportation system between each process.	VSM
* Manage continuous improvement projects.	Lean
* Optimize the production flow	SMED
* Improve the efficiency and the productivity.	
* Manage the implementation of all workstations	Kanban
* Improve the workstations to increase efficiency and minimize the cost.	Kaizen
* Organize the workstations and make them more ergonomic.	
* Participate in systemic Quality actions	QRQC
* Creation of FMEA * Analyze the risks for new processes.	
* Study the impact of technical change to ensure good product quality.	5M
*Manage new Wiring / Technical Changes.	
*Feasibility study.	
* Development and improvements of the work instruction	
*Innovate and integrate new technologies.	
* Development of a Windows and Android application for calculating KOSU, efficiency and PPM in real time.	Android.Studio
Electronic & Embedded Software:	Tools :
*Digital Electronics and Industrial Computing	
*Electrical engineering and power electronics	
*Automatic, Robotics and signal processing Image processing	ModelSim
*Microelectronics and integrated circuit technologies	VHDL
*CAD/CAM integrated circuits.	Proteus :Iris Ares
*MEMS and intelligent sensor technologies	
*Embedded Electronics and Advanced Architectures of Processors.	Layouteditor
*Chip systems (SOC, SOPC, NOC)	
*Robotic Operation System (ROS).	
*Robotic Vision.	LabView
➔Thesis project: Realization of a smart public lighting device	
Realization of a device based on Raspberry pi 3 module to control and remote light point (intelligent public lighting)	Linux
with the integration of a renewable energy source (domestic wind)	VisualStudio
* Develop of a Windows application & an Android application to control the devices and receive the data for each device.	C#/Java
	Android.Studio
	Python
Web development & Javascript Fullstack developer:	Tools :
*Back-End web development	NodeJS/Express
	MongoDB
	Mongoose/RestAPI
*Front-End web development	HTML5/CSS3,
	Javascript/ES6
	ReactJS/jsx/redux
	API/Bootstrap

Certifications



FullStack JavaScript Web development
GoMyCode_Nabeul

05/2021—09/2021

Professional Trainee & Workshop



Green Belt in Lean management and manufacturing

01/2018—07/2018

Ergonomie, 5S, coaching, leadership,
Change management PDCA, VSM, KANBAN, SMED,
KAIZEN, MRPG, Gestion des projets, Six Sigma.



Training on strategic communication and techniques argumentation

01--2019

- *Argumentation technique
- *Avoid conflict: cope with criticism and emotions.



Project Management Training

05--2020

- * Fundamentals of project management
- *Advanced techniques and tools of the project manager
- *Manager and animate the project team
- *Support the transformation of the organization



International Onfire Workshop organized by Leoni

10--2018

Creation of a new model to implement the agile method for all Leoni sites

Languages

English: Bilingual

Arabe: Native Language

French: Professional

Deutsch: Basic

Chinese: Basic

Divers



Swimming & VolleyBall



Spearfishing:



Chess: Advanced



Travel



Science & New Technologies