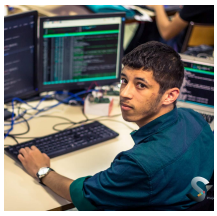

Fahd Ouassarni

Embedded Software Developer.

Date of birth 17/09/1996
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Projects

OpenWRT On WiSoC Telecom, OpenWRT, Linux, MIPS
June 2019 — May 2020

- OpenWRT/LEDE building system hands-on
- iptables hands-on
- OpenVPN uci configuration

Xen on ARM Xen, Linux, FreeRTOS, ARM
March 2019 — Ongoing

- Xen hypervisor hands-on
- Buildroot minimal build as Dom0
- FreeRTOS application as DomU

Evaluation of TCI6638K2K / THALES AIR SYSTEMS SAS SystemTap, Linux, ARM
October 2018 — February 2019

- Listing of linux profiling and debugging tools
- Profiling linux boot time with bootchart and bootgraph.pl
- Demonstration of SystemTap and other tools

Job Experience

Trainee Engineer / Hyptra Tailleville, France
April 2019 — September 2019

- Embedded software developpement for 8051.
- PCB design using Altium Designer.
- FPGA synthesis on PicoZed.

Special Research Student / Kumamoto University Kumamoto, Japan
May 2018 — August 2018

- Laboratory: Human Interface and Cyber Communication Laboratory.
- Research: Multichannel speech segregation using FDBM. [cfdbm]

Education

Electronic Engineering Master Degree / ENSICAEN Caen, France
September 2016 — March 2020

- Speciality: Electronics and applied Physics.
- Major: Signal, regulation for embedded systems and telecommunication.

Interests

Technology

Culture

Travel

Video Games

Life Motto

「学びは生涯の宝」
Learning is a treasure that follow its owner everywhere

Assets

Curious

Motivated

Determined

Teamworker

Autonomous

Languages

English
Fluent - TOEIC 855

Arabic
Mother tongue

French
Fluent - C1

Technical Skills

Architectures
x86, ARM, PIC32, STM32, 8051, c66x.

Communication
UART, SPI, I2C, CAN, USB.

Programming
Assembly, C, C++.

Framworks
FreeRTOS, CubeMX.

Scripting
Shell, Python.

Debugging
Scope & LA, gdb.

Boards
OrangePi Zero, TL-MR3020, QEMU.

Tools
Git, Make, SSH

Links

ouassarnifahd
fahd-ouassarni